### INTEGRATED AV AMPLIFIER

# KA-895/995 SERVICE MANUAL

# KENWOOD

©1994-12 PRINTED IN KOREA B51-5003-00 (K) 2122

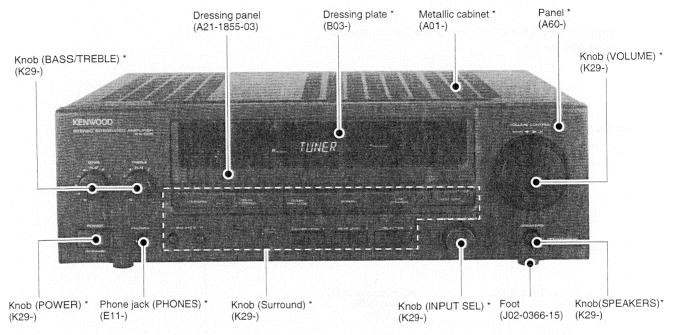


Photo is KA-895.

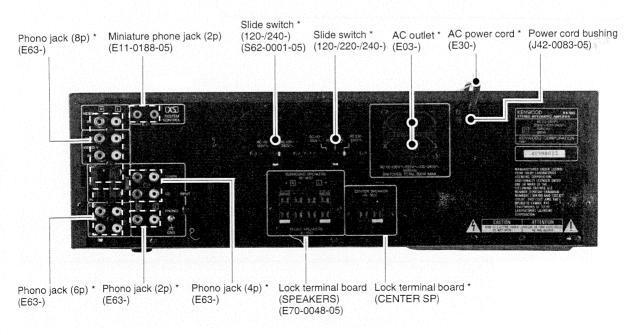


Photo is KA-895.

\* Refer to parts list on page 22.

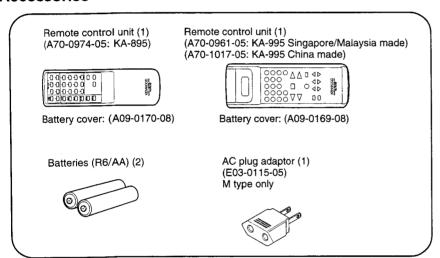
# KA-895/995

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For "CIRCUIT DESCRIPTION", refer to the Service Manual of KA-894/994/V3700.

## **Accessories**



# KA-895/995

# **EXTERNAL VIEW**

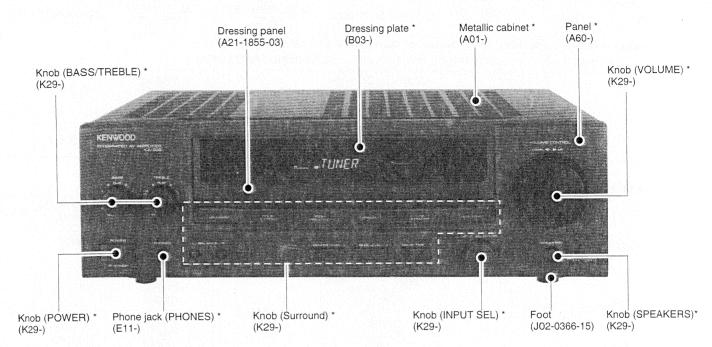


Photo is KA-995.

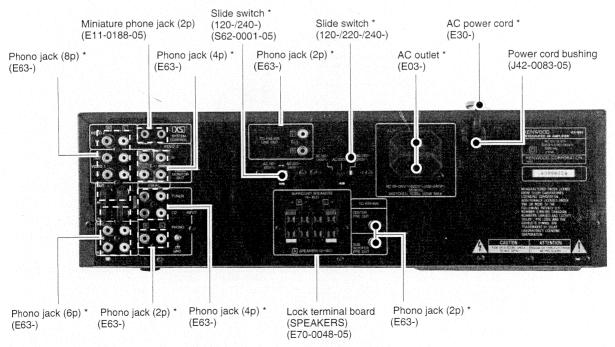


Photo is KA-995.

<sup>\*</sup> Refer to parts list on page 22.

# KA-895/995

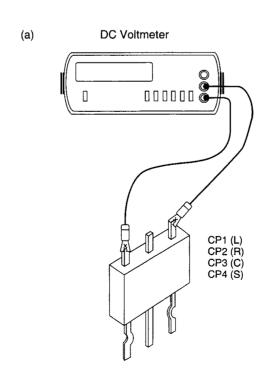
# **ADJUSTMENT / AJUSTES**

### **ENGLISH**

No.	ITEM	INPUT SET- TINGS	OUTPUT SETTINGS	AMPLIFIER SET- TINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
Unle			dual switches should l	be set as following: IRROUND : PRO LOG	GIC .		
			Connect a DC volt- meter across CP1 (L)		VR1 (L) VR2 (R) (X09-)	13.2 mV	(-)
1	IDLE CURRENT	_	CP2 (R) CP3 (C) CP4 (S) (X09-)	VOLUME: 0	VR3 (C) VR4 (S) (X09-)	10 mV~ 13.2 mV	(a)

# **ESPANÓL**

N.°	ÍTEM	AJUSTES DE ENTRADA	AJUSTES DE SALIDA	AJUSTES DEL AMPLIFICADOR	PUNTOS DE ALIN- EACIÓN	ALINEACIÓN PARA	FIG.
A me	•		a, los controles individ CD (NO SIGNAL) SU	uales deberán ajust RROUND : PRO LO		guiente:	
	OCIOSA CORRI-		Conecte un voltímetro de CC entre CP1 (L) CP2 (R)	VOLUME	VR1 (L) VR2 (R) (X09-)	13.2 mV	(0)
1	ENTE	_	CP2 (R) CP3 (C) CP4 (S) (X09-)	VOLUME: 0	VR3 (C) VR4 (S) (X09-)	10 mV~ 13.2 mV	(a)

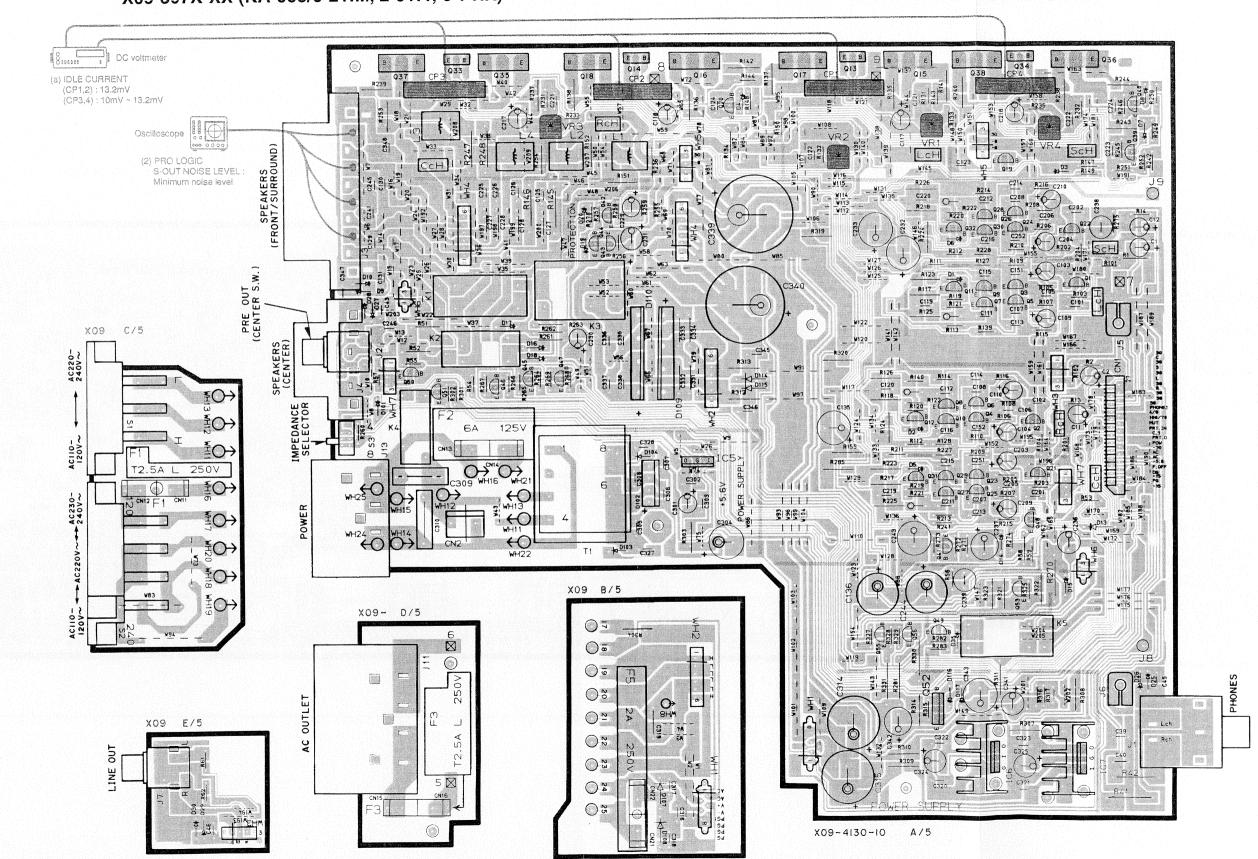


AUDIO UNIT X09-4130-10 (KA-895/K,R,P)

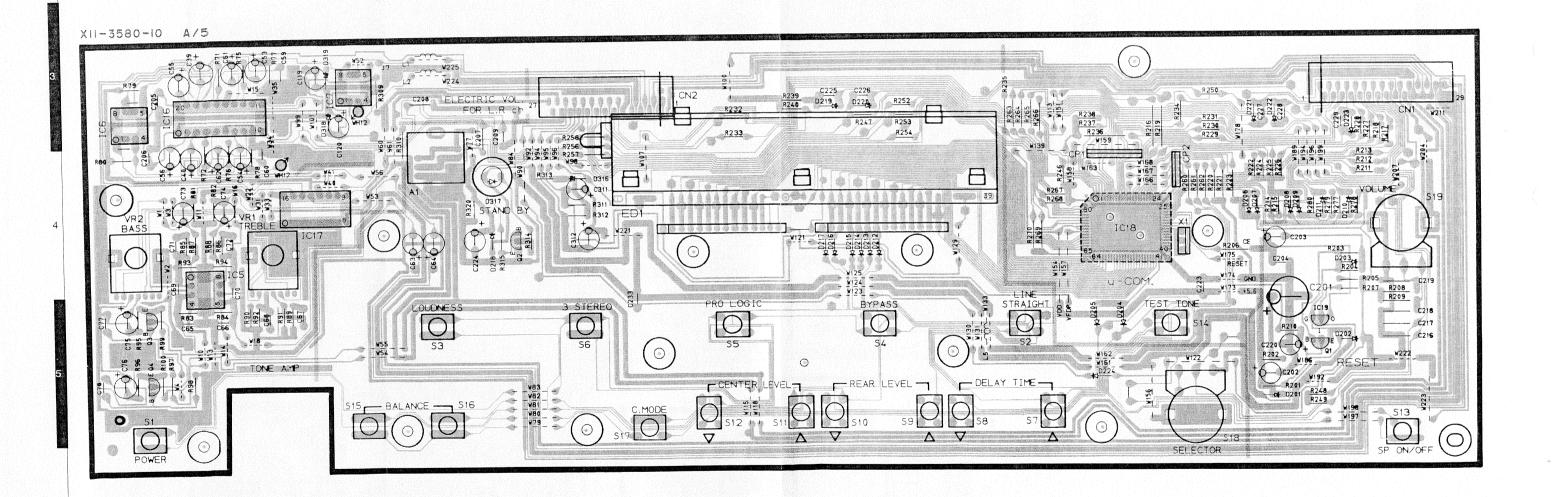
X09-396X-XX (KA-895/0-21:M, 2-91:Y)

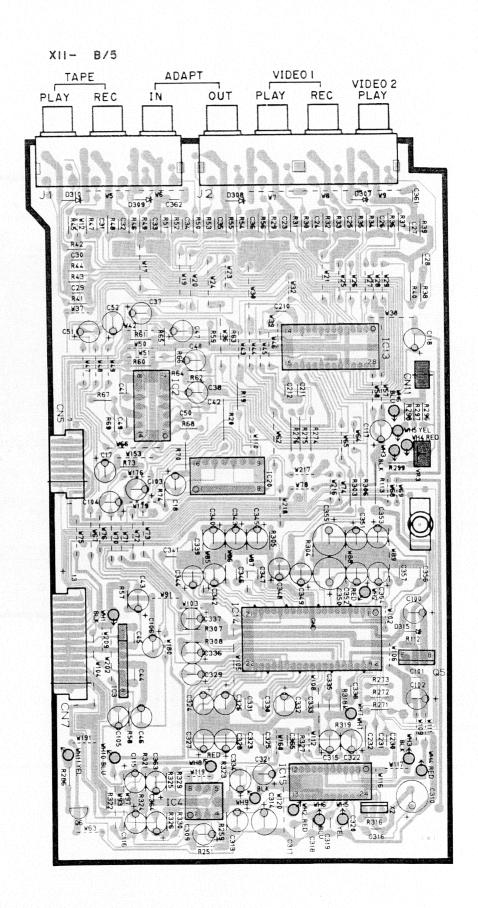
X09-4140-10 (KA-995/K,R,P)

X09-397X-XX (KA-995/0-21:M, 2-91:Y, 0-71:X)

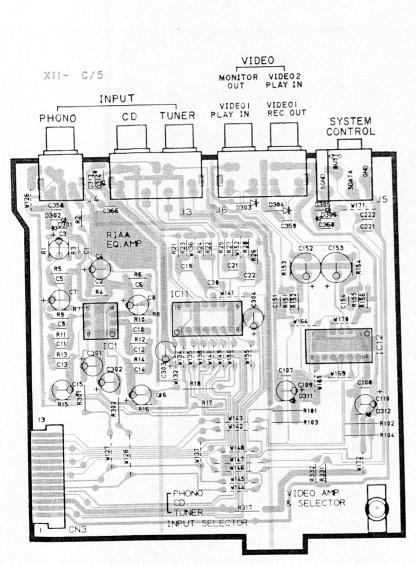


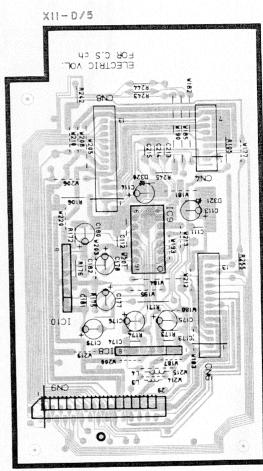
CONTROL UNIT X11-3580-11 (KA-895/K,R,P) X11-3500-11 (KA-895/M,Y) X11-3580-10 (KA-995/K,R,P) X11-3500-10 (KA-995/M,Y,X)

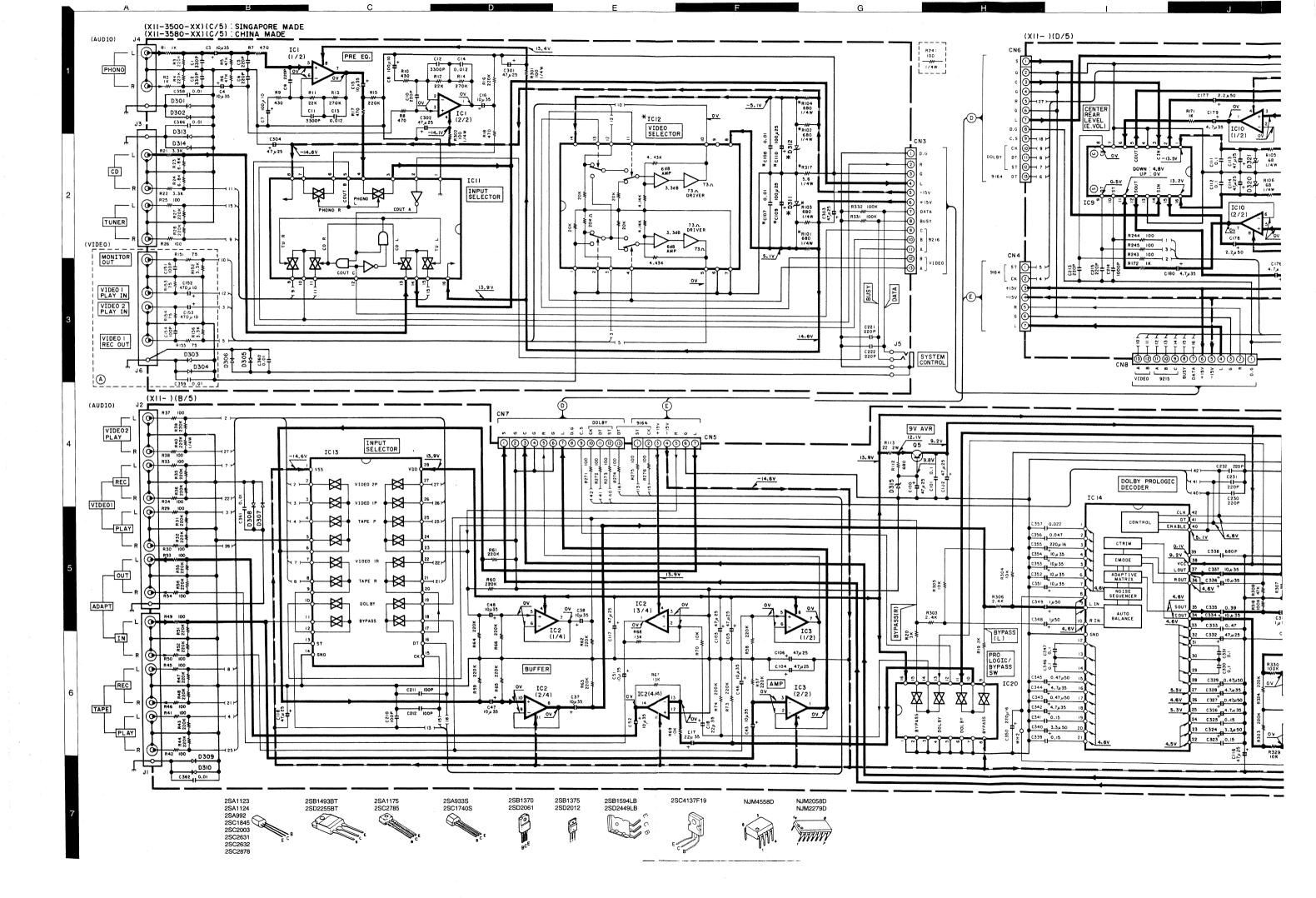


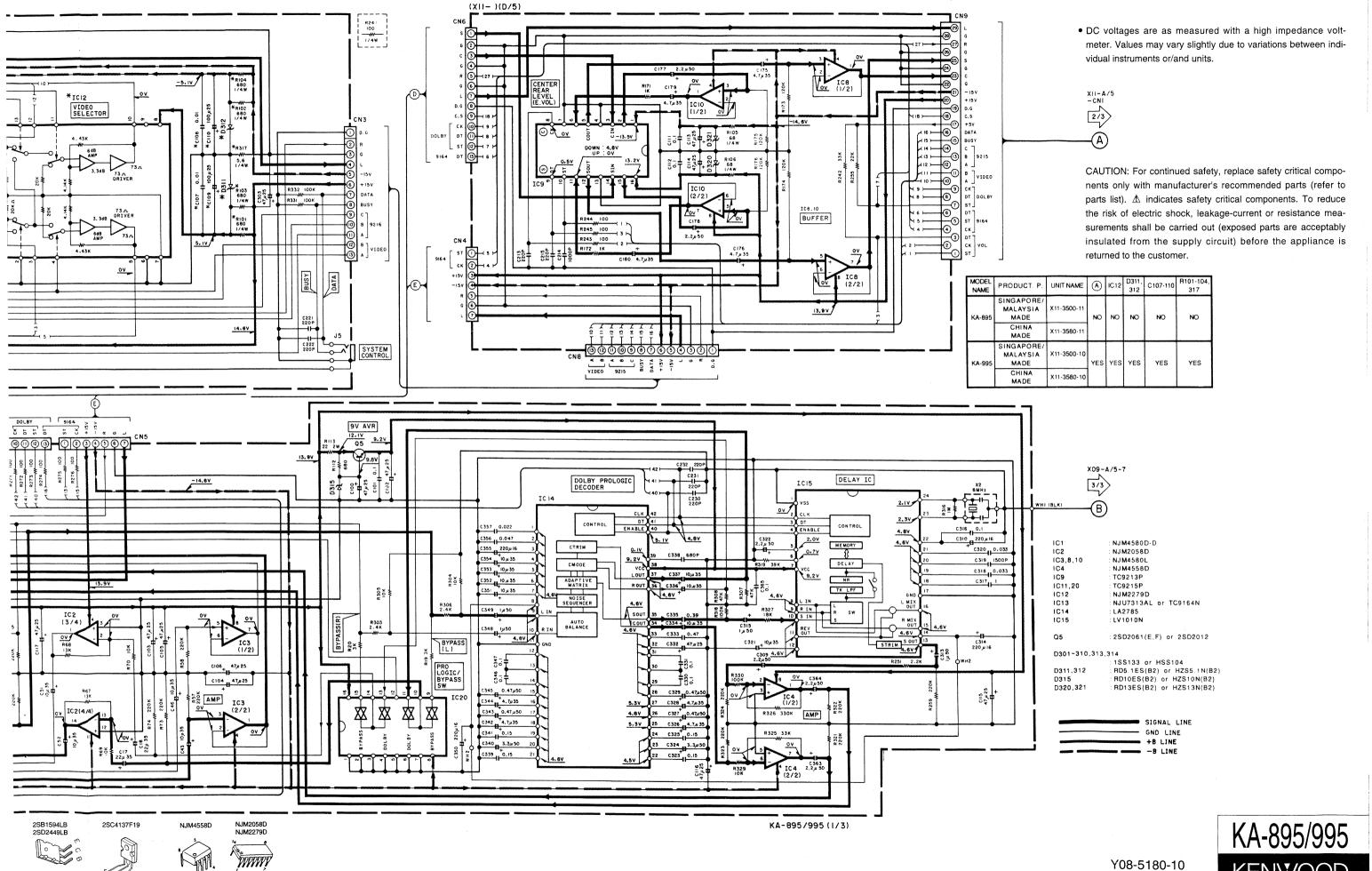


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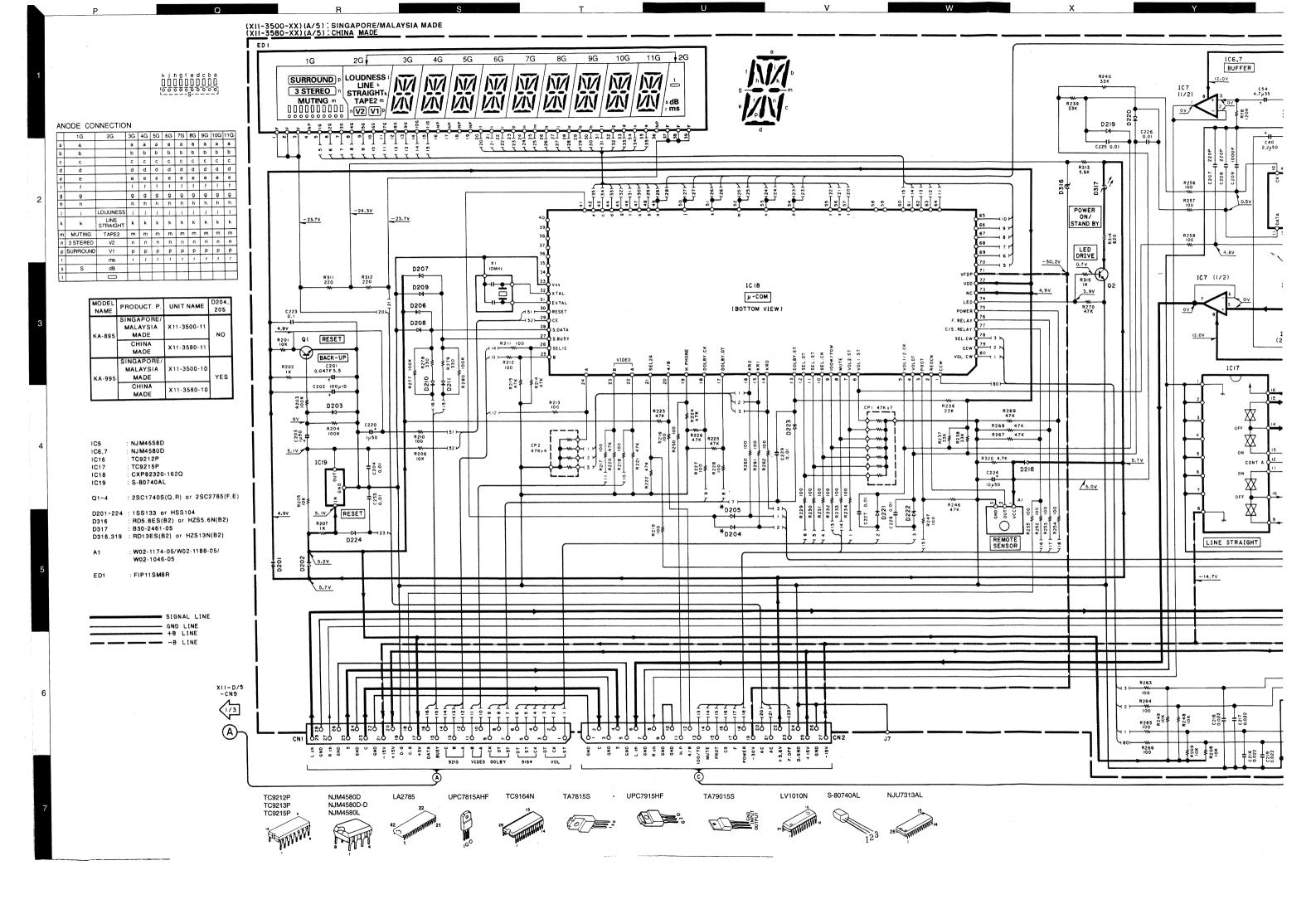


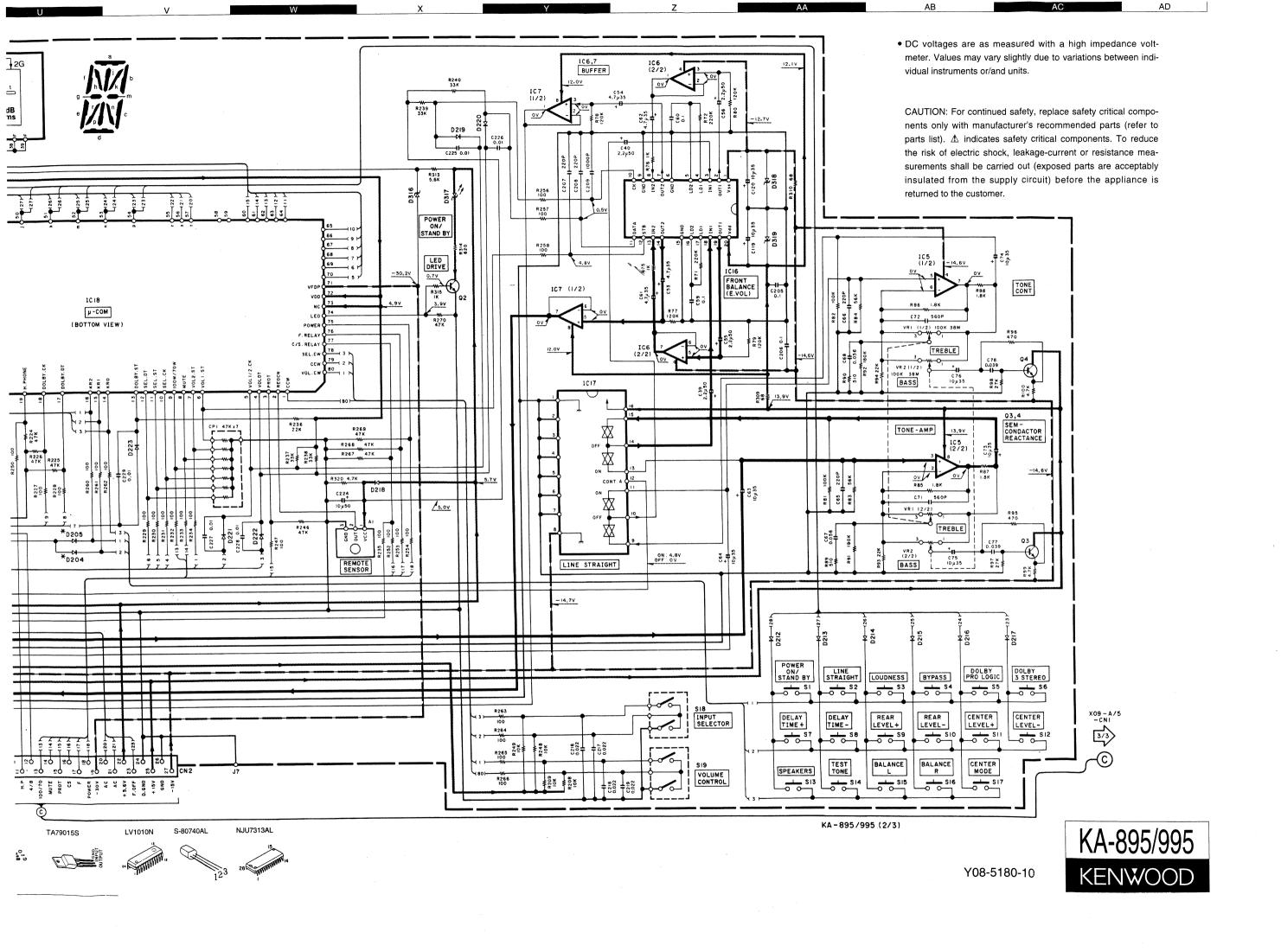


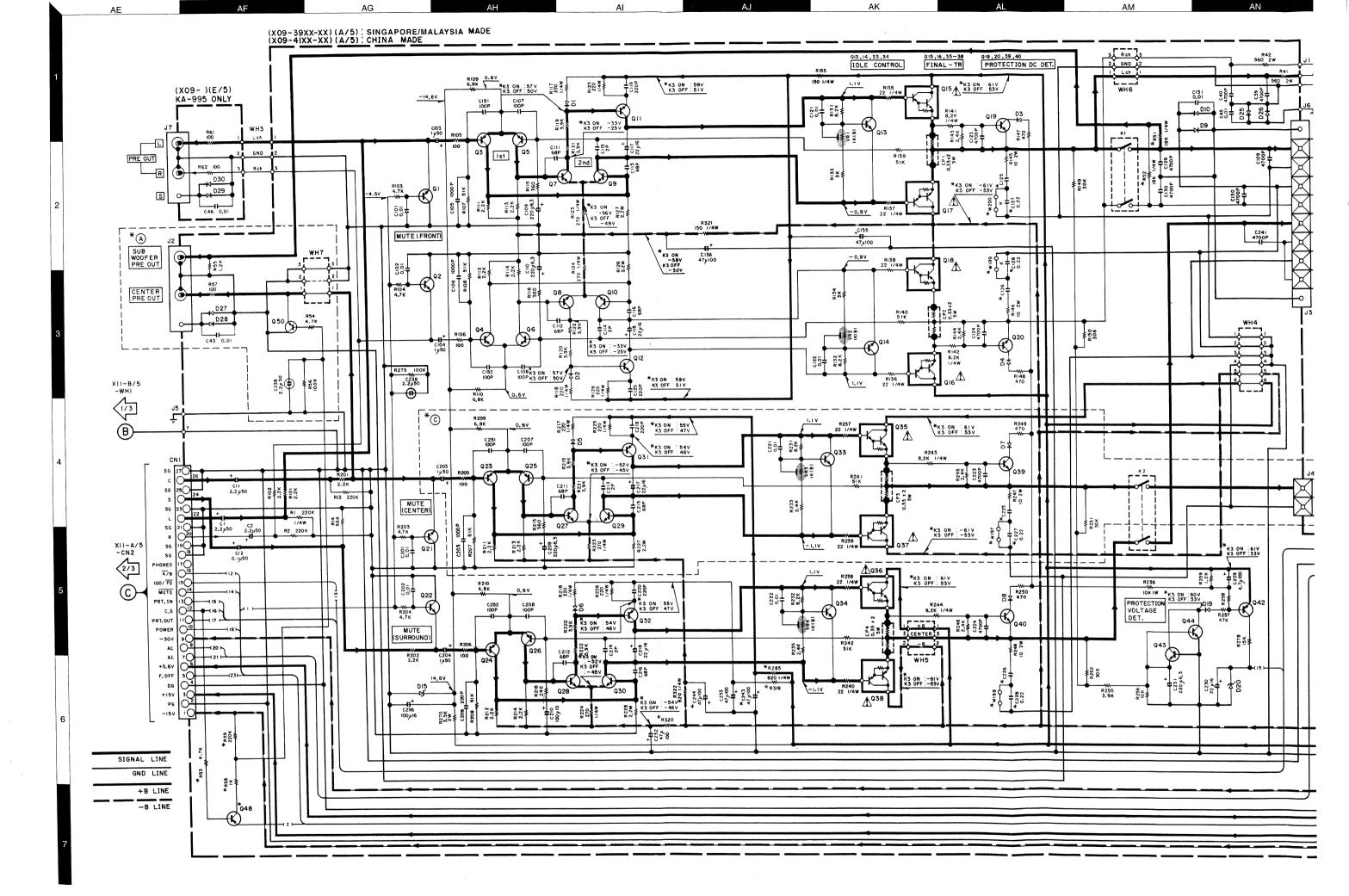


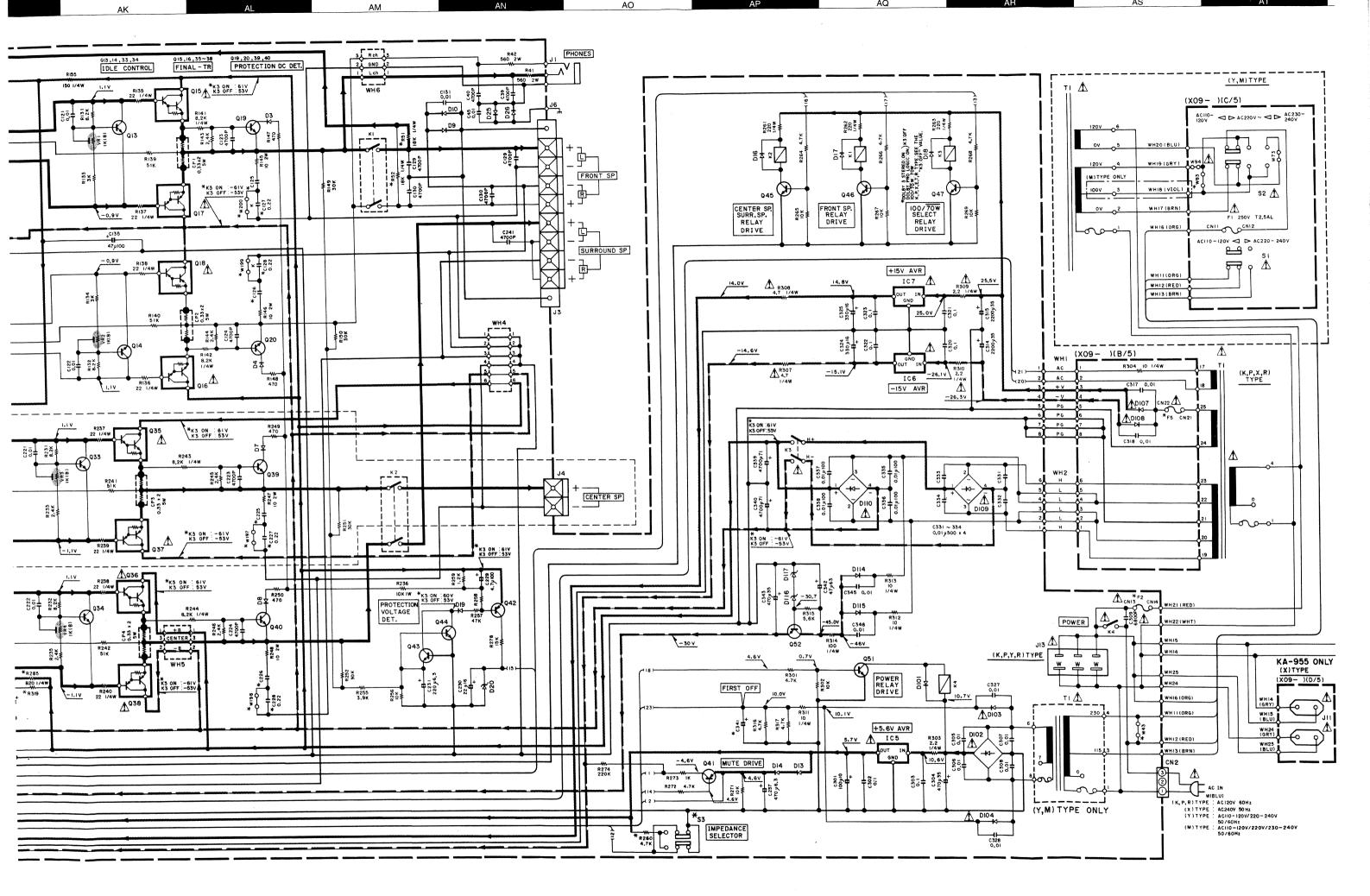


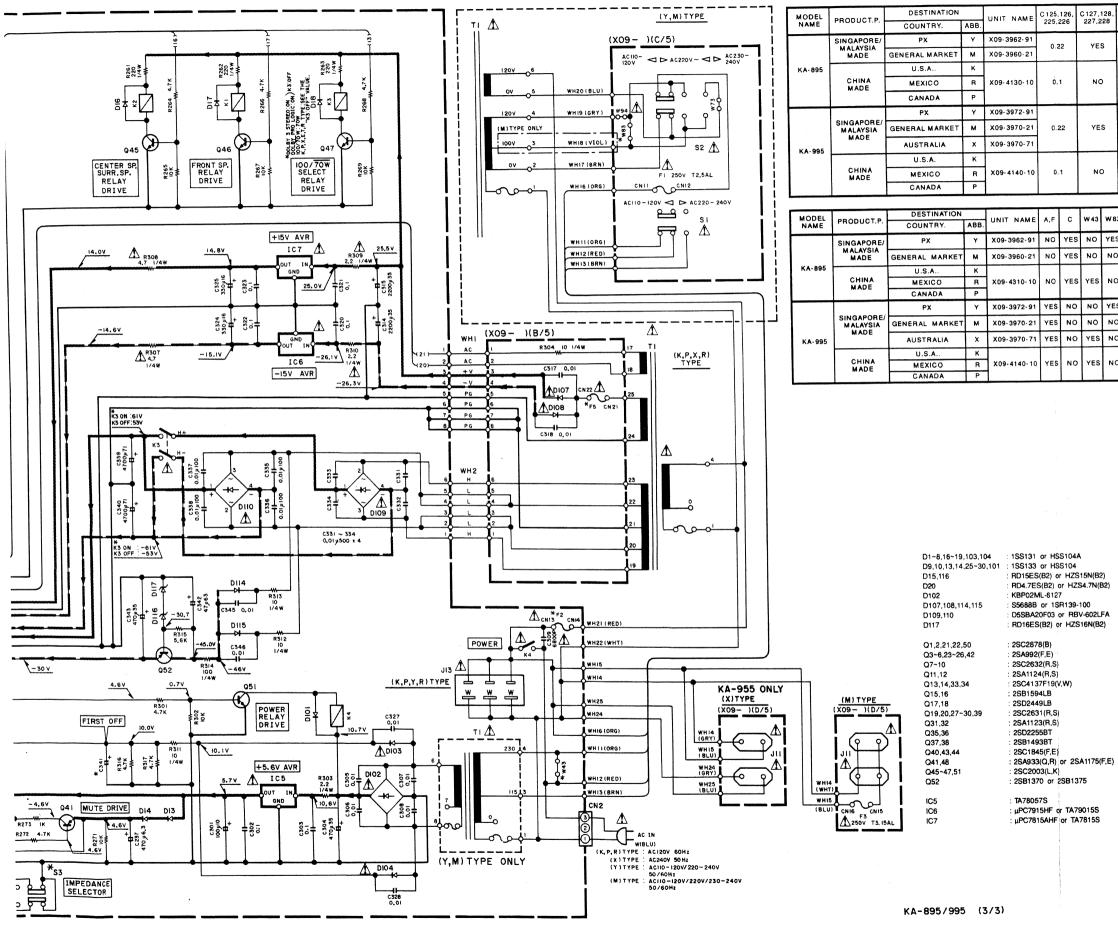
KENWOOD











MODEL	PRODUCT.P.	DESTINATION		UNIT NAME	C125,126,	C127,128,	C243,244	C341	R51~53, 58.59	R260	R285, 322	R319, 320
NAME	PRODUCT.P.	COUNTRY.	ABB.	OHIT HAME	225,226	227,228			36,59		322	320
	SINGAPORE/	PX	Υ	X09-3962-91	0.22	YES						
	MALAYSIA MADE	GENERAL MARKET	М	X09-3960-21	0.22	1.00						
KA-895		U.S.A	к				YES	4.7 μ 50	NO	YES	YES	560 1/4W
	CHINA	MEXICO	R	X09-4130-10	0.1	NO						
		CANADA	P									
		PX	Υ	X09-3972-91	-l	YES						
	SINGAPORE/ MALAYSIA	GENERAL MARKET	м	X09-3970-21								
KA-995	MADE	AUSTRALIA	×	X09-3970-71				4.7 μ 35	YES	NO	NO	820 1/4W
KA-993		U.S.A.	К		10 0.1							
	CHINA	MEXICO	R	X09-4140-10		NO				1		
		CANADA	Р								<u> </u>	

MODEL		DESTINATION		UNIT NAME	A.F	С	W 43	W 83	W 197~	F2	F5	Q48
NAME	PRODUCT.P.	COUNTRY.	ABB.	UNII NAME	Α,τ	ì	11 40	17 00	200	` -		
	SINGAPORE/	PX	Υ	X09-3962-91	NO	YES	NO	YES	NO	250VT2.5AL	250VT2AL	
	MALAYSIA MADE	GENERAL MARKET	м	X09-3960-21	NO	YES	NO	NO		2000		NO
KA-895		U.S.A	к									
	CHINA	MEXICO	R	X09-4310-10	NO	YES	YES	NO	YES	UL125V6A	UL250V2A	
	MADE	CANADA	Р									
		PX	Y	X09-3972-91	YES	NO	NO	YES			·	
	SINGAPORE/ MALAYSIA	GENERAL MARKET	М	X09-3970-21	YES	NO	NO	NO	NO	250VT2.5AL	250VT2AL	
KA-995	MADE	AUSTRALIA	х	X09-3970-71	YES	NO	YES	NO	<u> </u>			YES
		U.S.A	К									
	CHINA	MEXICO	R	X09-4140-10	YES	NO	YES	NO	YES	UL125V5A	UL250V2A	1
	,,,,,,,	CANADA	Р	1				<u> </u>			<u> </u>	

: 1SS133 or HSS104 RD15ES(B2) or HZS15N(B2) RD4.7ES(B2) or HZS4.7N(B2) KBP02ML-6127 S5688B or 1SR139-100 D5SBA20F03 or RBV-602LFA RD16ES(B2) or HZS16N(B2)

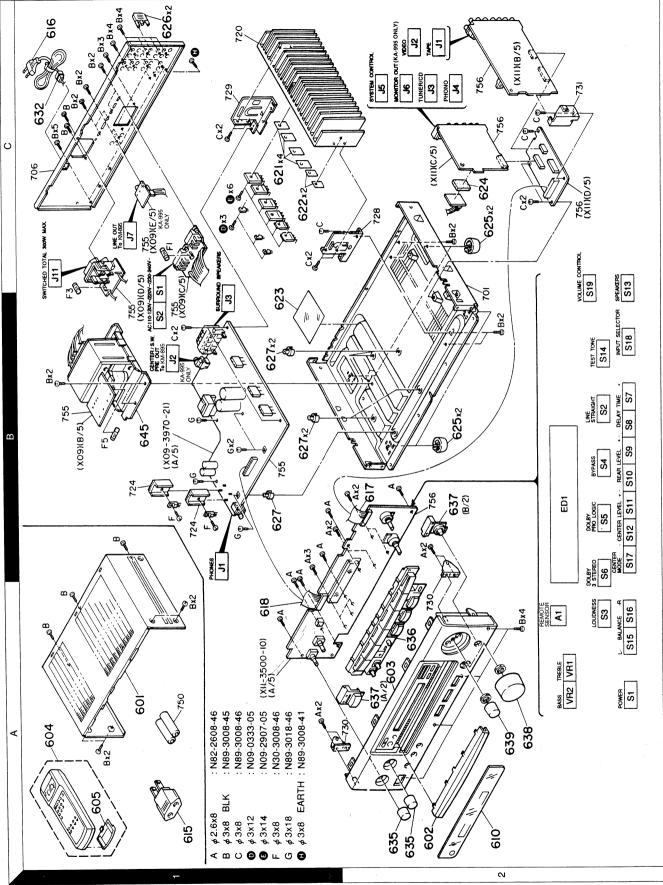
: μPC7915HF or TA79015S : μPC7815AHF or TA7815S

• DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). A indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.



# **EXPLODED VIEW(UNIT)**



Parts with the exploded numbers larger than 700 are not supplied

# PARTS LIST

SS = arks - sz x & &				: :	I.	I	: 1	Ξ					т	Ι		I	Ι .			
Desti- nation 往 向			(M/S)	(M/S)	(N/S)		(M/S)	(8/M)	X X X				I~	S/S	(B/S)	(M/S)	(S/¥) KY X P	> X X <b>E</b> q }	α≻ σ <u>κ</u>	
Description 第 8 6 人 基 基		WIRE BAND	NOB (BAS	NOB (SURROUND)	KNOB (SURROUND) KNOB (POWER/SPEAKERS)	NAB (PAWER/SPEAKERS	NOB (VOLUME CONTROL NOB (VOLUME CONTROL	KNOB (INPUT SELECTOR) KNOB (INPUT SELECTOR)	POWER TRANSFORMER POWER TRANSFORMER POWER TRANSFORMER	BINDING HEAD TAPTITE SCREW BINDING HEAD TAPTITE SCREW BINDING HEAD TAPTITE SCREW HEXAGON HD TAPPING SCREW TAPTITE WITH WASHER M3X14	BINDING HEAD TAPTITE SCREW BINDING HEAD TAPTITE SCREW	A	METALLIC CABINET METALLIC CABINET	RESSING PAN ANEL	PANEL	REMOTE CONTROLLER ASSY REMOTE CONTROLLER ASSY BATTERY COVER	DRESSING PLATE DRESSING PLATE WARRANTY CARD WARRANTY CARD WARRANTY CARD	CAUTION CARD (PRESET220-240) CAUTION CARD (CAUTION UL) CAUTION CARD (TY TYEE PL) CAUTION CARD (EM TYPE PL) CAUTION CARD (P TYPE PL)	CAUTION CARD (RG TYPE PL) SERVICE DIRECTORY INSTRUCTION MANUAL (EN) INSTRUCTION MANUAL (FR) INSTRUCTION MANUAL (SP)	
v Parts No.ss 部 品 報 号		J61-0307-05	29-5838-1	29-58	-6068-0 -5850-0	0-6909-60	29-5851-0	K29-5866-04 K29-6071-04	L07-0846-05 L07-0849-05 L07-1908-05	N82-2608-46 N89-3008-45 N89-3008-46 N09-0333-05 N09-2907-05	N89-3018-46 N89-3008-41	×	A01-3098-11 A01-3200-01	21-1855-0 60-0682-0	60-0702-0	A70-0961-05 A70-1017-05 A09-0169-08	B03-2932-13 B03-2948-03 B46-0092-43 B46-0096-53 B46-0121-33	B58-0513-04 B58-0964-13 B58-0965-13 B58-0966-13 B58-0967-03	B58-0970-13 B59-1104-00 B60-1975-00 B60-1976-00 B60-1977-00	
New Parts			*		*	×	*	*					*	*.	*	*	****	****	****	
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Ref. No.   Address   No.   Baris No.						0 4			7	CN1 CN1				38383	(B)
Ref. No.   Address   New   Parts No.   Address   New   East   Merch   Merch	_				S	SET220-	ION UL IYPE P PE PL) YPE PL	EN) FR) SP) C) TAIWAN	-×1	××-×				FIXTURE FIXTURE FIXTURE FIXTURE FIXTURE	BOILVIDE
Address   New   Parts No.   Address   New   Parts No.   Address   New   Parts No.   Address   New   Parts No.   Address	escription	40		ELNE	8	TE D O O (PR	CTØRY	NUNN	TER D D D D D D D D D D D D D D D D D D D	9P X11 7P X11 7P X11	HEE	BRI	01 01 01 01 01	FOAMED FOAMED FOAMED FOAMED	200
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# # # # # # # # # # # # # # # # # # #	Part			01-309 01-320 21-185 60-068 60-070	70-097 09-017	03-293 03-294 46-009 46-012 58-051	58-096 58-096 58-096 58-097 59-110	60-197 60-197 60-197 60-197 60-209	03-011 30-259 30-260 30-278 35-076	35-107 35-076 35-107	20-128 20-129 20-139	10-017	50-137 50-141 50-141 50-142 50-142	0-567 0-567 0-568 0-568 0-595	
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部 品 名 / 規 格	WIRE BAND	KNOB (BASS/TREBLE) KNOB (BASS/TREBLE) KNOB (SURROUND) KNOB (SURROUND) KNOB (POWER/SPEAKERS)	KNOB (POWER/SPEAKERS) KNOB (VOLUME CONTROL) KNOB (VOLUME CONTROL) KNOB (INDUT SELECTOR) KNOB (INPUT SELECTOR)	POWER TRANSFORMER POWER TRANSFORMER POWER TRANSFORMER	BINDING HEAD TAPTITE SCREW BINDING HEAD TAPTITE SCREW BINDING HEAD TAPTITE SCREW HEXAGON HEAD TAPPING SCREW M3X12 TAPTITE WITH WASHER M3X14	BINDING HEAD TAPTITE SCREW BINDING HEAD TAPTITE SCREW	A-995	METALLIC CABINET METALLIC CABINET DRESSING PANEL	ANE	REMOTE CONTROLLER ASSY REMOTE CONTROLLER ASSY BATTERY COVER	DRESSING PLATE DRESSING PLATE WARRANIY CARD WARRANIY CARD WARRANIY CARD	CAUTION CARD (PRESET220-240) CAUTION CARD (CAUTION UL) CAUTION CARD (TYPE PL) CAUTION CARD (ELM TYPE PL) CAUTION CARD (P TYPE PL)	CAUTION CARD (RG TYPE PL) SERVICE DIRECTORY INSTRUCTION MANUAL (EN) INSTRUCTION MANUAL (FR) INSTRUCTION MANUAL (SP)	INSTRUCTION MANUAL (C) INSTRUCTION MANUAL (EN) R-CON INSTRUCTION MANUAL (ER) R-CON INSTRUCTION MANUAL (SP) R-CON INSTRUCTION MANUAL (SP) R-CON	INSTRUCTION MANUAL (TAIWAN) RC	AC PLUG ADAPTER	S:Singapore Made
部品番号	J61-0307-05	K29-5838-14 K29-6070-04 K29-5849-02 K29-6068-02 K29-5850-03	K29-6069-03 K29-5851-04 K29-6072-04 K29-5866-04 K29-6071-04	L07-0846-05 L07-0849-05 L07-1908-05	N82-2608-46 N89-3008-45 N89-3008-46 N09-0333-05 N09-2907-05	N89-3018-46 N89-3008-41	7	A01-3098-11 A01-3200-01 A21-1855-03	60-0682-0 60-0702-0	A70-0961-05 A70-1017-05 A09-0169-08	B03-2932-13 B03-2948-03 B46-0092-43 B46-0096-53 B46-0121-33	B58-0513-04 B58-0964-13 B58-0965-13 B58-0966-13 B58-0967-03	B58-0970-13 B59-1104-00 B60-1975-00 B60-1976-00 B60-1977-00	B60-1978-00 B60-2088-00 B60-2089-00 B60-2090-00 B60-2091-00	B60-2098-00	E03-0115-05	K:USA P:Canada
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位置		2A 2A 2A 2A, 2B	22 A A 2 2 B 2 A 4 2 B 2 A 4 2 B 3 A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		18,28 1A,10 10,20 10	18 10		1 A 1 A 2 A	2 <b>A</b> A	1 A A 1	2 A A					1 A	avia
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	BINET	ט	NTROLLER AS	ATE ATE RD RD (PRE	D (CAUT) D (ELM ) D (P TYE	MANUAL MANUAL MANUAL MANUAL	APTER ORD ORD ORD ORD	29P X11 27P X11 27P X11	BOARD SHEET SHEET	FABRIC	N CASE N CASE N CASE N CASE	e foamed e foamed e foamed e foamed e foamed	E FOAMED BAG (23 BAG	R BUSHING	S:Singapore Made W:Malaysia Made
KA-895	ETALLIC CA	t L 5	REMOTE CONTE	DRESSING PL DRESSING PL WARRANTY CA WARRANTY CA CAUTION CAR	AAAAH	INSTRUCTION INSTRUCTION INSTRUCTION INSTRUCTION INSTRUCTION	AC PLUG ADA AC POWER CO AC POWER CO AC POWER CO FLAT CABLE	FLAT CABLE FLAT CABLE FLAT CABLE	INSULATING INSULATING INSULATING	NON-WOVEN	ITEM CARTON ITEM CARTON ITEM CARTON ITEM CARTON ITEM CARTON	POLYSTYRENE POLYSTYRENE POLYSTYRENE POLYSTYRENE POLYSTYRENE	POLYSTYRENE PROTECTION PROTECTION	FOOT PIN UNIT HOLDE POWER CORD	S:Singa W:Malay
ΑĀ	98-11 00-01	55-03 80-01 01-01	74-05 70-08	32 - 13 48 - 03 92 - 43 21 - 33	64-13 66-13 67-03 70-13	971-00 972-00 973-00 974-00	115-05 592-15 605-05 787-05 766-05	076-05 767-05 077-05	284-05 297-05 393-04	173-04	377-04 418-04 419-04 420-04 421-04	676-02 677-02 680-02 681-02 950-02	951-02 1232-04 516-04	1366-15 1091-15 1657-14 1083-05	P:Canada E:Europe
	01-3	A21-18 A60-06 A60-07	A70-09 A09-01	03-2 03-2 046-0 46-0	58-0 58-0 58-0 58-0	860-19 860-19 860-19 860-19	E03-0 E30-2 E30-2 E30-2	E35-1 E35-0	F20-1 F20-1 F20-1	G10-0	H50-1 H50-1 H50-1 H50-1	H10-5 H10-5 H10-5 H10-5		J02-0 J12-0 J19-3 J42-0	K:USA T:England
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														2765	L:Scandinavia Y:PX(Far East, Hawaii)

# PARTS LIST

New Parts arts without Pass articles non	Parts No. are not si on mentionnes dans s No. wenden nicht	are not nnes dai	ew Parts :s without Parts No. are not supplied. articles non mentionnes dens le Parts No. ne sont pas fourni once a non parte No. werrden nicht dellefert.	s fournis.				4
	₹	Š	Parts No.		Description		Desti-	Re-
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		KA-895	95 AUDIO UNIT (X09-413 SINGAPORE,I	30-10:CHINA MAD ,MALAYSIA MADE	ADE/X09-396X-XX DE)	×		
011 ,2 0112 039 ,40			CEO4LW1H2R2M CEO4LW1H2R2M CEO4LW1HOR1M CK45FF1H472Z CK45FF1H103Z	ELECTRO ELECTRO ELECTRO CERAMIC CERAMIC	2.2UF 2.2UF 0.1UF 4700PF 0.010UF	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		
C101,102 C103,104 C105,106 C107,108			CK45FF1H103Z CEO4LW1H010M CQ92FM1H102J CC45FSL1H101J CEO4LW0J221M	CERAMIC ELECTRO MYLAR CERAMIC ELECTRO	0.010UF 1.0UF 1000PF 100PF 220UF	Z 50WV J 5.3WV		
			CC45FSL1H680J CC45FSL1H020C CC45FSL1H680J CE04LW1C220M CC45FSL1H221J	CERAMIC CERAMIC CERAMIC ELECTRO	68PF 2.0PF 68PF 22UF 220PF	J J J 6 W V		
			CK45FF1H403Z CK45FF1H472Z CF92FV1H224J CQ92FM1H104J CK45FF1H472Z	CERAMIC CERAMIC MF-C MYLAR CERAMIC	0.010UF 4700PF 0.22UF 0.10UF 4700PF	22772	M KRY P	
131 135,1 151,1 201,2			CK45FF1H103Z CE04LW24470M CC45FSL1H101J CK45FF1H103Z CE04LW1H010M	CERAMIC ELECTRO CERAMIC CERAMIC ELECTRO	0.010UF 47UF 100PF 0.010UF	Z 100WV J Z 50WV		
C205 C206 C207, 208 C209			CQ92FM1H102J CC45FSL1H221J CC45FSL1H101J CE04LW0J221M CE04LW1A101M	MYLAR CERAMIC CERAMIC ELECTRO	1000PF 220PF 100PF 220UF 100UF	J J 6.3WV 10WV		
CACACACACA			CC45FSL1H680J CC45FSL1H020C CC45FSL1H680J CE04LWIC220M CC45FSL1H221J	CERAMIC CERAMIC CERAMIC ELECTRO CERAMIC	68PF 2.0PF 68PF 22UF 220PF	J C J 16WV		
C221,222 C223,224 C225-228 C225,226 C225,226			CK45FF1H103Z CK45FF1H472Z CF92FV1H224J CQ92FM1H104J	CERAMIC CERAMIC MF-C MYLAR ELECTRO	0.010UF 4700PF 0.22UF 0.10UF 4.7UF	Z J J 100WV	A KRP	
C230 C231 C232,233 C236 C236			CE04LW1C220M CE04LW0J221M CE04LW2A470M CE04LW1C101M	ELECTRO ELECTRO ELECTRO ELECTRO ELECTRO	220F 220UF 47UF 100UF 470UF	16WV 6.3WV 100WV 16WV 6.3WV		
C238 C241 C243,244 C251,252			CE04HW1H2R2M CK45FF1H472Z CE04LW2A470M CC45FSL1H101J CE04LW1A101M	NP-ELEC CERAMIC ELECTRO CERAMIC ELECTRO	2.2UF 4700PF 47UF 100PF	50WV Z 100WV J 10WV		
C302,303 C304 C305-308			CQ92FM1H104J CEO4LW1V471M CK45FF1H103Z	MYLAR ELECTRO CERAMIC	0.10UF 470UF 0.010UF	J 35WV Z		
LScandinavia	avia	1	K:USA P:Canada					

Desti- Re- nation marks 在 回鶴軌	A X KRP (S/W)	H (8/%)	×		X X X X X X X X X X X X X X X X X X X	ωω≥≥±	×		H (A/S)	H (A/S)	EXXX G		
Description 部 品 名 / 規 格	AC POWER CORD AC POWER CORD AC POWER CORD AC POWER CORD FLAT CABLE 29P X11 CN1-X11 CN9	FLAT CABLE 29P X11 CN1-X11 CN9 FLAT CABLE 27P X11 CN2-X09 CN1 FLAT CABLE 27P X11 CN2-X09 CN1 AC 0UTLET	INSULATING BOARD INSULATING SHEET INSULATING SHEET	ON-WOVEN FABR	ITEM CARTON CASE	POLYSTYRENE FOAMED FIXTURE (L) POLYSTYRENE FOAMED FIXTURE (R) POLYSTYRENE FOAMED FIXTURE (L) POLYSTYRENE FOAMED FIXTURE (R) POLYSTYRENE FOAMED FIXTURE (R)	POLYSTYRENE FOAMED FIXTURE (R) CARTON BOARD PROTECTION BAC (235X350X0.03) PROTECTION BAC	FOOT PIN UNIT HOLDER POWER CORD BUSHING WIRE BAND	KNOB (BASS/TREBLE) KNOB (BASS/TREBLE) KNOB (SURROUND) KNOB (SURROUND) KNOB (POWER/SPEAKERS)	KNOB (POWER/SPEAKERS) KNOB (VOLUME CONTROL) KNOB (VOLUME CONTROL) KNOB (INPUT SELECTOR) KNOB (INPUT SELECTOR)	POWER TRANSFORMER POWER TRANSFORMER POWER TRANSFORMER POWER TRANSFORMER	BINDING HEAD TAPTITE SCREW BINDING HEAD TAPTITE SCREW BINDING HEAD TAPTITE SCREW HEXAGON HD TAPPING SCREW M3X12 TAPTITE WITH WASHER M3X14	BINDING HEAD TAPTITE SCREW
Parts No. 問品職名	E30-2592-15 E30-2505-05 E30-2717-05 E30-27187-05	E35-1076-05 E35-0767-05 E35-1077-05 E03-0141-05	F20-1284-05 F20-1297-05 F20-1393-04	G10-0173-04	H50-1379-04 H50-1425-04 H50-1427-04 H50-1428-04 H50-1429-04	H10-5676-02 H10-5677-02 H10-5680-02 H10-5681-02 H10-5950-02	H10-5951-02 H13-0147-14 H25-0232-04 H25-1516-04	J02-0366-15 J12-0091-15 J19-3657-14 J42-0083-05 J61-0307-05	K29-5838-14 K29-6070-04 K29-5849-02 K29-6068-02 K29-5850-03	K29-6069-03 K29-5851-04 K29-6072-04 K29-5866-04 K29-6071-04	L07-0873-05 L07-0874-05 L07-0875-05 L07-1912-05	N82-2608-46 N89-3008-45 N89-3008-46 N09-0333-05 N09-2907-05	N89-3018-46
New Parts		* *			****	*	*		* *	* * *	*		
Address N	21000 80000	28 11A 11C	11C 11B	2C				28,2C 1C 1B 1C	2A 2A 2A 2A,2B	2A, 2B 2A, 2B 2A 2A	18 18 18	18,28 1A,10 10,20 10	<u>~</u>
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Part Less Radio Ra	Parts without Pa Les articles non Teile ohne Parts N	Ref. No. 参照曲师	A R307, 308 R309, 310 R312, 313 R314 R319, 320

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## 84 # 84 # 84 # 84 # 84 # 84 # 84 # 8	Desti-	nation ∰ ⊕					M KRP				MY KRP		.,	
11   12   13   14   15   15   15   15   15   15   15		adn.	××	333	90 .3	9	22772		.3W 0WV	J C J J6WV	Z J J 100WV	9.09.	50WV Z 100WV J 10WV	2
11   12   13   15   16   16   17   17   17   17   17   17	bescription	名/規	ADE/X09-396X DE)	2.2UF 2.2UF 0.1UF 4700PF 0.010UF	.010 .00F 000P 00PF	68PF 2.0PF 68PF 22UF 220PF	0.010UF 4700PF 0.22UF 0.10UF 4700PF	.010 70F 000PF .010	000PF 20PF 000PF 00UF	80.0 202 202	.010U 700PF .22UF .10UF	28288	88525	.10UF 70UF .010U
### No.  ### ### ### ### ### ### ### ### #### ####			30-10:C	LECTR LECTR LECTR ERAMI	THE CANAL	ERA ERA ERA ERA	CERAMIC CERAMIC MF-C MYLAR CERAMIC	ERAMI ERAMI ERAMI ECTR	YLAR ERAMI ERAMI LECTR	ERAAM ERAAM ERAAM	ERAM ERAM F-C YLAR LECT	55555	P-ELE ERAMI LECTR ERAMI LECTR	LAR ECTR RAMI
4   \  \  \  \  \  \  \  \  \  \  \  \  \	l f	粹	(X09-41 APORE	1H2R2 1H2R2 1H0R1 1H472 1H103	FF1H103Z LW1H010M FM1H102J FSL1H101J LW0J221M	FSL1H680 FSL1H020 FSL1H680 LW1C220M FSL1H221	H103Z H472Z H224J H104J	FF1H103Z LW2A470M FSL1H101 FF1H103Z LW1H010M	FM1H102J FSL1H221 FSL1H101 LW0J221M LW1A101M	45FSL1H680 45FSL1H620 45FSL1H680 04LW1C220M	45FF1H103 45FF1H472 92FV1H224 92FM1H104 04LW2A4R7	04LW1C220 04LW0J221 04LW2A470 04LW1C101	04HV1H2R2M 45FF1H472Z 04LW2A470M 45FSL1H101	FM1H104 LW1V471 FF1H103
	1858	<b>M</b>	KA-895											
s e la	Γ	ET. 140.		C1 ,2 C11 C12 C39 ,40 C45	C101,102 C103,104 C105,106 C107,108 C109,110	C111,112 C113,114 C115,116 C117,118 C117,118	C121,122 C123,124 C125-128 C125,126 C129,130	C131 C135,136 C151,152 C201,202 C203,204	C205 C206 C207, 208 C209 C210	C211,212 C213,214 C215,216 C217,218 C217,218	C221,222 C223,224 C225-228 C225,226 C229	C230 C231 C232,233 C236 C236	C238 C241 C243,244 C251,252 C301	C302,303 C304 C305-308

Sef. No. 参照推动	Address 位 運	New Parts	Parts No. 部品 華 号	Description 部 品 名 / 規 格	Desti- nation 件 向	Re- marks 卷
16 16 17	10 10 10 2B		E30-2592-15 E30-2605-05 E30-2717-05 E30-2787-05 E35-0766-05	AC POWER CORD FLAT CABLE 29P X11 CN1-X11 CN9	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	
17 18 118	28 1A 1C	* *	E35-1076-05 E35-0767-05 E35-1077-05 E03-0141-05	FLAT CABLE 29P X11 CN1-X11 CN9 FLAT CABLE 27P X11 CN2-X09 CN1 FLAT CABLE 27P X11 CN2-X09 CN1 AC ØUTLET	(S/N) X	I I
21 22 23	10 18 18		F20-1284-05 F20-1297-05 F20-1393-04	INSULATING BOARD INSULATING SHEET INSULATING SHEET	×	
24	20		610-0173-04	NON-WOVEN FABRIC	ΜX	
		****	H50-1379-04 H50-1425-04 H50-1427-04 H50-1428-04 H50-1428-04	ITEM CARTON CASE	X E X E X G	≖νν≥≥
		*	H10-5676-02 H10-5677-02 H10-5680-02 H10-5681-02 H10-5950-02	POLYSTYRENE FOAMED FIXTURE (L) POLYSTYRENE FOAMED FIXTURE (R) POLYSTYRENE FOAMED FIXTURE (L) POLYSTYRENE FOAMED FIXTURE (L) POLYSTYRENE FOAMED FIXTURE (R)		NNBBI
		*	H10-5951-02 H13-0147-14 H25-0232-04 H25-1516-04	POLYSTYNENE FOAMED FIXTURE (R) CARTON BOARD PROTECTION BAC (235X350X0.03) PROTECTION BAC	×	I
25 27 32	2B,2C 1C 1B 1C		J02-0366-15 J12-0091-15 J19-3657-14 J42-0083-05 J61-0307-05	FOOT PIN UNIT HOLDER POWER CORD BUSHING WIRE BAND		
ដូច្ចាំង្គង សសសម ស	2A 2A 2A 2A, 2B	* *	K29-5838-14 K29-6070-04 K29-5849-02 K29-6068-02 K29-5850-03	KNOB (BASS/TREBLE) KNOB (BASS/TREBLE) KNOB (SURROUND) KNOB (SURROUND) KNOB (POWER/SPEAKERS)	(8/K) (8/K)	<b>E E</b>
ស្ពេញស 2000 2000 2000	2A,2B 2A 2A 2A	* * *	K29-6069-03 K29-5851-04 K29-6072-04 K29-5866-04 K29-5071-04	KNOB (POWER/SPEAKERS) KNOB (VOLUME CONTROL) KNOB (VOLUME CONTROL) KNOB (INPUT SELECTOR) KNOB (INPUT SELECTOR)	(8/M)	III
কুৰুকুৰ হৈ হৈ হৈ হ	8888	*	L07-0873-05 L07-0874-05 L07-0875-05 L07-1912-05	POWER TRANSFORMER POWER TRANSFORMER POWER TRANSFORMER POWER TRANSFORMER	E××X g	
	18,28 17,10 10,20 10,10		N82-2608-46 N89-3008-45 N89-3008-46 N09-0333-05 N09-2907-05	BINDING HEAD TAPTITE SCREW BINDING HEAD TAPTITE SCREW BINDING HEAD TAPTITE SCREW HEXAGON HD TAPPING SCREW M3X12 TAPTITE WITH WASHER M3X14		
	10 10		N89-3018-46 N89-3008-41	BINDING HEAD TAPTITE SCREW BINDING HEAD TAPTITE SCREW		
L:Scandinavia Y:PX(Far East, H	EScandinavia Y:PX(Far East, Hawaii) Y:AAFFS(Furone)	^	K:USA P:Canada T:England E:Europe X:Australia M:Other Areas	S:Singapore Made W:Malaysia Made H:China Made A indicates safety critical components	critical comp	onents.

# PARTS LIST

2 2 4 8 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	#8 #8 #8 #8 #8 #8 #8 #8 #8 #8 #8 #8 #8 #	Description  前 品 名 / 規 格  2.2 3 1/4W 2.2 3 1/4W 0 10 3 1/4W 10 3 1/4W 10 3 1/4W 10 3 1/4W 10 9 1/4W 10 9 1/4W 10 9 1/4W 10 9 1/4W 10 10 1/4W 10	MY MY Y
2 5 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	HZS15N(B2) HSS131 HSS134 HSS134 HSS134 HZS4.7N(B) HSS134 H	ZENER DIODE	

Desti- Re- nation marks 在 百禽粉			4	H (#/S)	M KRPY	MKRY KRP YP P	<u>}</u>	KRP					-
Description In The Property of The Property o	6800PF 250VAC 2200UF 35WV 0.010UF Z 0.10UF J 330UF 16WV	0.010UF Z 0.010UF P 0.010UF J 470UF 71WV 4.7UF 50WV	47UF 63WV 470UF 35WV 0.010UF Z	(PHONES) (PHONES) IAL BOARD (SPEAKERS) IAL BOARD (CENT SP) IAL BOARD (CENT SP)	2.4	(1250 T2.5AL) (1250 6A) (250V T3.15AL) (250V 2A) (250V T2AL)	<u> </u>	ISFORMER ISFORMER	MACHINE SCREW	SISTOR 0.33X2 5W 5 560 J 2W 220 J 1/4W 270 J 1/4W 220 J 1/4W	22 J 1/4W 8.2K J 1/4W 5 10 J 2W 150 J 1/4W 220 J 1/4W	270 J 1/4W 220 J 1/4W 10K J IW 22 J 1/4W 8.2K J 1/4W	10 J 2W
貓	MF ELECTRO CERAMIC MYLAR ELECTRO	CERAMIC CERAMIC MYLAR ELECTRO	ELECTRO ELECTRO CERAMIC	PHONE JACK PHONE JACK LOCK TERMIN LOCK TERMIN LOCK TERMIN	AC OUTLET AC OUTLET	FUSE (SEMKØ) FUSE (UL) FUSE (UL) FUSE (UL)	FUSE CLIP FUSE CLIP FUSE CLIP FUSE CLIP WIRE CLAMPE	POWER TRANS	PAN HEAD MA	MULTIPLE RE FL-PROOF RS RD RD RD	RD RD FL-PROOF RS RD RD	RD RD FL-PROOF RS RD RD	FL-PROOF RS
Parts No. 戦器本本	C91-1488-05 C04LW1V222M CK45FF H103Z CQ92FM1H104J CE04LW1C331M	CK45FF1H103Z CK45FE0H103P CQ93HP2A103J C90-3579-05 CE04LW1H4R7M	CE04LW1J470M CE04LW1V471M CK4SFF1H103Z	E11-0127-05 E11-0272-05 E70-0048-05 E20-0236-05 E70-0054-05	E03-0149-05 E03-0148-05	F05-2525-05 F05-6029-05 F05-3121-05 F04-2025-05 F06-2021-05	J13-0075-05 J13-0075-05 J13-0075-05 J13-0075-05 J11-0098-05	L07-0864-05 L07-0865-05	N30-3008-46	R90-0888-05 RS14KB30561J R014NB2E221J R014NB2E271J R014NB2E271J	RD14NB2E220J RD14NB2E822J RS14KB3D100J RD14NB2E151J RD14NB2E221J	RD14NB2E271J RD14MB2E221J RS14KB3A103J RD14NB2E220J RD14NB2E822J	RS14KB3D100J
Ne P				* *									
Address 位 III									18				
Ref. No. 糖脂物	C309 C314,315 C317,318 C320-323 C324,325	C327,328 C331-334 C335-338 C339,340	C342 C343 C345,346		J111 J13	F1 ,2 F3 F5	CN11,12 CN13,14 CN15,16 CN21,22 J8 ,9	11	lı.	CP1 -4 R41 ,42 , R117,118 , R123,124 R125,126	R135-138 R141,142 R145,146 R155 R217,218	R223,224 R225,226 R236 R237-240 R243,244	R247.248

	Parts withou Les articles : Teile ohne Pa	Parts without Parts No. are not supplied Les articles non mentionnes dans le Part Teile ohne Parts No. werden nicht geliefe	es de	s No.ne rt.	sont pas fournis.				<b>©</b>
	Ref. No.	Address	N C	Parts No.		Description		Desti-	Re- marks
	物照婚品	5 位 調	and and a	報 品 華 宅	## H	品名/規	犂	中	確
	C216 C218 C220 C222 C222			CC45FSL1H680J CEO4LW1C220M CC45FSL1H221J CK45FF1H103Z CK45FF1H472Z	CERAMIC ELECTRO CERAMIC CERAMIC CERAMIC	68PF 22UF 220PF 0.010UF 4700PF	J 164V 2 2		
	C2226 C2226 C228 C229			CF92FV1H224J CQ92FM1H104J CF92FV1H224J CE04LW2A4R7M CE04LW1C220M	MF-C MYLAR MF-C ELECTRO	0.22UF 0.10UF 0.22UF 4.7UF 22UF	J J JOOWV 16WV	M X X X X X X X X X X X X X X X X X X X	
	C231, C33 C232, 233 C236 C237 C238, 239			CEO4LW0J221M CEO4LW2A470M CEO4LW1C101M CEO4LW0J471M CEO4HW1H2R2M	BLECTRO BLECTRO BLECTRO BLECTRO NP-ELEC	220UF 47UF 100UF 470UF 2.2UF	6.3WV 100WV 16WV 6.3WV 50WV		
	C241 C252 C301 C302,303			CK45FF1H472Z CC45FSL1H101J CE04LW1A101M CQ92FM1H104J CE04LW1V471M	CERAMIC CERAMIC ELECTRO MYLAR ELECTRO	4700PF 100PF 100UF 0.10UF 470UF	2 J 0WV J 35WV		
4	C305-308 C309 C314,315 C317,318 C320-323	m 10 mm		CK45FF1H103Z C91-1488-05 CEO4LW1V22ZM CK45FF1H103Z CQ92FM1H104J	CERAMIC MF ELECTRO CERAMIC MYLAR	0.010UF 6800PF 2200UF 0.010UF	Z 250VAC 35WV J		
	C324,328 C327,328 C331-334 C335-338	10.00 + 00.00		CEO4LW1C331M CK45FF1H103Z CK45FE2H103P CQ93HP2A103J C90-3579-05	ELECTRO CERAMIC CERAMIC MYLAR ELECTRO	330UF 0.010UF 0.010UF 4700UF	16WV Z P J J 71WV		
	C341 C342 C343 C345,346	.0		CE04LW1V4R7M CE04LW1J470M CE04LW1V471M CK45FF1H103Z	BLECTRO BLECTRO BLECTRO CERAMIC	4.7UF 47UF 470UF 0.010UF	35WV 35WV 35WV 35WV		
	711 722 732 732		* *	E11-0127-05 E11-0272-05 E63-0090-05 E63-0135-05 E70-0048-05	PHONE JACK PHONE JACK PHONO JACK PHONO JACK LOCK TERMIN	(PHONES) (PHONES) (WOOFER/CE (WOOFER/CE AL BOARD (	NTER) NTER) SPEAKERS)	(N/S)	I I
44	57 57 511 513		*	E63-0072-15 E63-0134-05 E03-0149-05 E03-0148-05	PHONO JACK PHONO JACK AC OUTLET AC OUTLET	(LINE OUT)		(S/W) M KRPY	<b>x</b>
00000	11111 12221			F05-2525-05 F04-5022-05 F05-2525-05 F05-3121-05 F04-2025-05	FUSE (SEMKO) FUSE (UL) FUSE (SEMKO) FUSE (SEMKO)	(250V (125V (250V (250V (250V	12.5AL) 5A UL) 12.5AL) T3.15AL) 2A)	M KRP M KRP KRP	
4	FS			F06-2021-05	FUSE (SEMK®	(250V	T2AL)	Χλ	
	CN11,12 CN13,14 CN15,16 CN21,22 J8 ,9			J13-0075-05 J13-0075-05 J13-0075-05 J13-0075-05 J11-0098-05	FUSE CLIP FUSE CLIP FUSE CLIP FUSE CLIP WIRE CLAMPE	α		X &	
-	LScandinavia	inavia		K:USA P:Canada	S:Singapore Made	re Made			

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Description	部 品 名/規 格	ZENER DIODE DIODE DIODE DIODE ZENER DIODE	D100E D100E D100E D100E	D100E 0100E 0100E 0100E	DIODE DIODE SENER DIODE ZENER DIODE	ZENER DIØDE ZENER DIØDE CYOLTAGE REGULATØR/+5.75V) IC VØLTAGE REGULATØR/ -15V) IC(VØLTAGE REGULATØR/ -15V)	ICKVOLTAGE REGULATOR/ +15V) ICKVOLTAGE REGULATOR/ +15V) TRANSISTOR TRANSISTOR TRANSISTOR	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR
Parts No.	胡椒	RD15ES(B2) HSS104A 1SS131 HZS4.7N(B2) RD4.7ES(B2)	HSS104 1SS133 HSS104 1SS133 KBP02ML-6127	HSS104A 1SS131 S5688B 1SR139-100 D5SBA20F03	RBV-602LFA S5688B 1SR139-100 HZS15N(B2) RD15ES(B2)	HZS16N(B2) RD16ES(B2) TA78057S TA79015S UPC7915HF	TA7815S UPC7815AHF 2SC2878(B) 2SA992(F,E) 2SC2632(R,S)	2SA1124(R,S) 2SC4137F19(V,W) 2SB1594LB 2SD2449LB 2SC2631(R,S)	2SC2878(B) 2SA992(F,E) 2SA992(F,E) 2SC2631(R,S) 2SC2631(R,S)	2SA1123(R,S) 2SC4137F19(V,W) 2SD2255BT 2SB1493BT 2SC1845(F,E)	2SA1175(F,E) 2SA933S(Q,R) 2SA992(F,E) 2SC1845(F,E) 2SC2003(L,K)	2SA1175(F, E) 2SA933S(Q, R) 2SC2878(B) 2SC20034(LK)
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Address	位 置											
Ref. No.	参照番号	D15 D16 -19 D16 -19 D20 D20	D25 -30 D25 -30 D101 D101	D103,104 D103,104 D107,108 D107,108	D109,110 D114,115 D114,115 D116	0117 0117 105 106 106	IC7 IC7 01 '2 03 -6 07 -10	911, 12 913, 14 915, 16 917, 18	921 ,22 924 ,22 926 928 930	032 032 034 040 040	941 941 942 943 ,44 945 -47	0.48 0.50 0.51
		·	€	4444	€	444						

PARTS LIST

TRANSISTOR TRANSISTOR TRANSISTOR	Description 昭 品 名 / 魏 格 00R	Desti-Re- nation marks 仕 向蘇特
TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR		
RANSISTOR RANSISTOR RANSISTOR RANSISTOR RANSISTOR	<b>###</b>	
TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	<b>~~~</b>	
ANSISTOR ANSISTOR O:CHINA MADE	TRANSISTOR TRANSISTOR 440-10:CHINA MADE/X09-397X-XX	
ELECTRO 2 ELECTRO 2 ELECTRO 0 CERAMIC 4	2.20F 50 2.20F 50 0.10F 50 4700PF Z	>>> 3030
CERAMIC CERAMIC ELECTRO MYLAR CERAMIC	.010UF Z .010UF Z .0UF 5 0000PF J	<b>^#0</b>
SERAMIC 20	20UF 6 8PF J • OPF C 8PF J 2UF 1	74.V
CERAMIC CERAMIC CERAMIC MF-C MYLAR	220PF J 0.010UF Z 4700PF Z 0.22UF J 0.10UF J	M.Y. Y.P. Y.P.
RAMIC 0 ECTRO 0 PRAMIC 10 RAMIC 10	4700PF Z 0.010UF Z 47UF 10 100PF J 0.010UF Z	^M00
ERAMIC 2 ERAMIC 1 1 ELECTRO 1 ERAMIC 6	.00F 20PF 00PF 00UF 1	AM0
RAMIC 2	2.0PF C	_

Ref. No.	Address	New	Parts No.	Description	Desti-	Re-
参照番号	位置	#	部品番号	部 品 名 / 規 格		編光
			L07-0864-05 L07-0865-05 L07-0866-05	POWER TRANSFORMER POWER TRANSFORMER POWER TRANSFORMER	XXX G G	
	18		N30-3008-46	PAN HEAD MACHINE SCREW		
CP1 ,2 CP4 R41 ,42 R117,118 R123,124			R90-0888-05 R90-0888-05 RS14KB3D561J RD14NB2E221J RD14NB2E271J	MULTIPLE RESISTOR 0.33X2 5W MULTIPLE RESISTOR 0.33X2 5W FL PROOF RS 560 J 2W RD 720 J 1/4W RD 270 J 1/4W		
125,126 135-138 141,142 145,146 155			RD14NB2E221J RD14NB2E220J RD14NB2E822J RS14KB3D100J RD14NB2E151J	RD 220 J 1/4W RD 22 J 1/4W RD 8.2K J 1/4W RC 150 J 2W RD 150 J 1/4W		
218 224 236 238			RD14NB2E221J RD14NB2E271J RO14NB2E221J RS14KB3A103J RD14NB2E220J	RD 220 J.74W RD 270 J.74W RD 220 J.74W RD 22 J.74W RD 22 J.74W		
2240 2244 2270 303			RD14NB2E220J RD14NB2E822J RS14KB3D100J RS14KB3D332J RD14NB2E2R2J	RD 22 J 1/4W RD 8.2K J 1/4W FL-PROOF RS 10 J 2W FC-PROOF RS 3.3K J 2W RD 2.2 J 1/4W		
304, 307,308 309,310 312,313			RD14NB2E100J RD14NB2E4R7J RD14NB2E2R2J RD14NB2E100J RD14NB2E101J	RD 10 J 1/4W RD 2.2 J 1/4W RD 10 J 1/4W RD 100 J 1/4W		
319,320 321 R1 ,2 R4			RD14NB2E821J RD14NB2E151J R12-1616-05 R12-1616-05	RD 820 J 1/4W RO 150 J 1/4W TRIMMING POT.(1K) TRIMMING POT.(1K)		
m m a a m m			S51-2078-05 S51-2092-05 S76-0005-05 S76-0016-05 S76-0017-05	MAGNETIC RELAY MAGNETIC RELAY MAGNETIC RELAY MAGNETIC RELAY MAGNETIC RELAY		
4-100			\$76-0002-05 \$62-0001-05 \$31-2322-05 \$62-0001-05	MAGNETIC RELAY (POWER) SLIDE SWITCH (120-/240-) SLIDE SWITCH (120-/220-/240-) SLIDE SWITCH (120-/220-/240-)	ŽE>	
1 - 4 6 6 8			HSS104A 1SS131 HSS104A 1SS131 HSS104A	D100E D100E D100E D100E		
8 9 ,10 9 ,10 13 ,14			1SS131 HSS104 1SS133 HSS104 1SS133	D100E D100E D100E D100E D100E		
15			HZS15N(B2)	ZENER DIØDE		

F. Re-	E									.,,			
Desti-	the transfer of the transfer o												
Description	部品名/规格	ZENER DIØDE DIØDE DIØDE ZENER DIØDE ZENER DIØDE	DIODE DIODE DIODE DIODE DIODE	DIODE DIODE DIODE DIODE DIODE	DIODE DIODE DIODE ZENER DIODE ZENER DIODE	ZENER DIODE ZENER DIODE IC(VOLTAGE REGULATOR/+5.75V) IC(VOLTAGE REGULATOR/ -15V) IC(VOLTAGE REGULATOR/ -15V)	IC(VOLTACE REGULATOR/ +15V) IC(VOLTACE REGULATOR/ +15V) TRANSISTOR TRANSISTOR TRANSISTOR	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	
Parts No.	部品番号	RD15ES(B2) HSS104A 1SS131 HZS4.7N(B2) RD4.7ES(B2)	HSS104 1SS133 HSS104 1SS133 KBP02ML-6127	HSS104A 1SS131 S5688B 1SR139-100 D5SBA20F03	RBV-602LFA S568B 1SR139-100 HZS15N(B2) RD15ES(B2)	HZS16N(B2) RD16ES(B2) TA78057S TA79015S UPC7915HF	TA7815S UPC7815AHF 2SC2878(B) 2SA992(F, E) 2SC2632(R, S)	2SA1124(R,S) 2SC4137F19(V,W) 2SB1594LB 2SD2449LB 2SC2631(R,S)	2SC2878(B) 2SA992(F,E) 2SA992(F,E) 2SC2631(R,S) 2SC2631(R,S)	2SA1123(R,S) 2SC4137F19(V,W) 2SD2255BT 2SB1493BT 2SC1845(F,E)	2SA1175(F,E) 2SA933S(Q,R) 2SA992(F,E) 2SC1845(F,E) 2SC2003(L,K)	2SA1175(F, E) 2SA933S(Q, R) 2SC2878(B) 2SC2003(L, K) 2SB1370	K-USA P-Canada
	Parts												
Address	台灣												.g
Ref. No.	100:	D15 D16 -19 D16 -19 D20 D20	D25 -30 D25 -30 D101 D101 D102	D103,104 D103,104 D107,108 D107,108	0109,110 0114,115 0114,115 0116	D117 D117 ICS IC6 IC6	IC7 IC7 Q1 .2 Q3 -6 Q7 -10	911 ,12 913 ,14 915 ,16 917 ,18	921 ,22 924 ,22 928 930	0332 0334 0438 040	041 041 042 043 ,44 045 -47	948 950 951 952	L:Scandinavia

Parts No.   Parts No.   Description   Desc	Re- mary											
## ## ## ## ## ## ## ## ## ## ## ## ##	Destination	1										
## 8  # 9  # 8  # 6  # 6  # 6  # 6  # 6	#	710551		50WV 16WV 50WV 50WV 50WV	הטטטט	35WV 50WV 50WV 5	ഗവാവ	25WV J 35WV 35WV	K J SOWV J 35WV	50WV 35WV 50WV 50WV	929	0
## B # 9  ## B #	scription # / #	0.022UF 1UF 220PF 0.10UF	.010 20PF 20PF 20PF 70F	2.2UF 220UF 1.0UF 220UF		3.1.5	L4L4L	70F .47 00F .39		4,4.0	20UF 0UF 20UF .047U	. 010 . 010 . 010 . 2UF
# 8 B B B B B B B B B B B B B B B B B B		ERAMIC LECTRO ERAMIC F-C	ERA ERA ERA ERA	LECTR LECTR LECTR LECTR	MF-C MF-C MYLAR MF-C MYLAR	LECTR F-C F-C F-C	ELECTRO ELECTRO ELECTRO ELECTRO MF-C	()()()()()	CERAMIC MF-C BLECTRO MF-C BLECTRO		SCTR COTR	ERAMI ERAMI ERAMI LECTR YLAR
	Parts No.	C91-0085-05 C90-3253-05 CC45FSL1H221 CF92FV1H104J	K45FF1H103Z C45FSL1H221 01-0749-05 K45FF1H103Z E04LW1E470M	E04LW1H2R2 E04LW1C221 E04LW1H010 E04LW1C221 E04LW1H010	F92FV1H104 F92FV1H105 G92FM1H333 F92FV1H152	E04LW1V10 E04LW1H2R F92FV1H15 E04LW1H3R F92FV1H15	E04LW1V4R E04LW1HR4 E04LW1V4R E04LW1HR4 F92FV1H10	604LW1647 F92FV1H47 E04LW1V10 F92FV1H39	K45FB1H68 F92FV1H15 E04LW1H3R F92FV1H15	604LW1HR47 604LW1HR47 604LW1HR47 F92FV1H104 604LW1H010	E04LW1C22 E04LW1V10 E04LW1C22 F92FV1H47	K45FF1H103 K45FF1H103 K45FF1H103 E04LW1H2R2 Q92FM1H104
	P											
s E	Ref. No. 常用	6-21 11,22	33332	0309 0310 0313 0314	C316 C317 C318 C319	C321 C322 C324 C324	C326 C327 C328 C329 C330, 331	0332 0333 0334 0335 0336,337	C338 C339 C341 C342	C343 C344 C345 C346,347 C348,349	C350 C351-354 C355 C356 C357	C358 C359 C360-362 C363,364 C365

## ## ## ## ## ## ## ## ## ## ## ## ##	Desti- Re- nation marks 仕 向 蘇彰	KRP XX									Σε <i>&gt;</i>			_
18	如		3	.33X2 .33X2 .0 2W			1/4 1/4 2W 2W 1/4	1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1/4		) 0-) 0-/240- 0-/240-			
18	ascription 名/	SFORMER SFORMER SFORMER		SISTOR SISTOR 560 220 270	S 8 2 2 2 1 1 1 1 8 2 2 2	8 24252	28182	10 4.7 2.2 10 100	82 15 0T.(1	RELAY RELAY RELAY RELAY RELAY	ELAY (POWE CH (120-/2			9(
## 1	體	OWER OWER	AN HEAD	IPLE IPLE 300F	D D L-PROOF D	-PROOF	D D L-PROOF L-PROOF D	00000	4MING	22222	SWI	DIQDE DIQDE DIQDE DIQDE DIQDE	HHHHH	ENER DI
## 1	S mp	0-0-9	4-	88-05 88-05 30561J 26221J 26271J		20222	12E220J 12E822J 13D100J 13D332J 12E2R2J	044200	E 151 6-05 6-05	00000	22-0 22-0 31-0	<b>4_4_4</b>		((B2)
第 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	<b>D.</b> 题	07-0 07-0		90-08 90-08 014KE	RD14NB RD14NB RD14NB RS14KB RD14NB	RD14NB RD14NB RD14NB RS14KB RD14NB	90009	RD14NB RD14NB RD14NB RD14NB RD14NB	RD14NE RD14NE R12-16 R12-16	S51-20 S51-20 S76-00 S76-00	\$76-00 \$62-00 \$31-23 \$62-00	SS1 SS1 SS1 SS1	3013	5
# 17.0 # 17														
2 4 1 1 1 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1	dra		18											
THIT TODARAR ARRARA RARARAR ARANA XXXXX XXXXX TILL 1 1444411 11111 11111 120202 22222 EXEMPTR TXXXXX XXXX TILC 200702 42422 22222 110000 000000 110114 11012 110100 00000 000000 000000 000000 000000	÷ E	cee		1 ,2 1 ,42 17,11	125,12 135-13 141,14 145,14	1218 1224 1226 1236 1238	7240 7244 7248 7270 7303	310,31	19,32 21 1,2	32222	522 522 522	11	99 91 13 11 11 11 11 11 11 11 11 11 11 11 11	015

a la	arts No. werden nicht	on nic	ht gellefert. Parts No.		Description			غ ا
Washing washi	Address 种	P #	福 福	<b>福</b>	6 名/規	如	nation 任 向	agracks 多水
952			2SB1375	TRANSISTOR			-	
0317	KA-£	395/9	KA-895/995 CONTROL UNIT (X1 :SINGAPORE, B30-2461-05	11-3580-1X:CHINA M E,MALAYSIA MADE)   LED(RED)	A MADE/X11-3500-1X )E)	3500-1X		
•			CC45FSL1H331J	CERAMIC	330PF	ال بر ا		
03. , 4 07. , 8 09. , 10			CC45FSL1H221J CC45FSL1H221J CE04LW1A101M CC45FSL1H221J	CERAMIC ELECTRO CERAMIC	220PF 100UF 220PF	10WV		
C11 ,12 C13 ,14 C15 ,16 C17 ,18			CQ92FM1H332J CF92FV1H123J CE04LW1V100M CE04LW1V220M CE04LW1V100M	MYLAR MF-C ELECTRO ELECTRO ELECTRO	3300PF 0.012UF 10UF 22UF 10UF	J J 35WV 35WV 35WV		
C39 ,40 C43 ,62 C46 -48 C51 ,52 C53 ,54			CEO4LW1H2R2M CEO4LW1V100M CEO4LW1V100M CEO4LW1V100M CEO4LW1V4R7M	ELECTRO ELECTRO ELECTRO ELECTRO	2.2UF 10UF 10UF 10UF 4.7UF	35WV 35WV 35WV 35WV 35WV		
055 ,56 059 ,60 061 ,62 063 ,64 065 ,66			CEO4LW1H2R2M CF92FV1H104J CEO4LW1V4R7M C90-3244-05 CC45FSL1H221J	ELECTRO MF-C ELECTRO ELECTRO CERAMIC	2.2UF 0.10UF 4.7UF 10UF 220PF	504V 354V 354V 354V		
C67 ,68 C71 :72 C73 -76 C77 ,78			CF92FV1H563J CK45FB1H561K C90-3244-05 CF92FV1H393J CE04LW1E470M	MF-C CERAMIC ELECTRO MF-C ELECTRO	0.056UF 560PF 10UF 0.039UF 47UF	J K 35WV J 25WV		
C101 C102-106 C107,108 C109,110 C111,112			CQ92FM1H104J CEO4LW1E470M CK45FF1H103Z CEO4LW1E101M CF92FV1H104J	MYLAR ELECTRO CERAMIC ELECTRO MF-C	0.10UF 47UF 0.010UF 100UF 0.10UF	J 25WV 25WV J		66
C113-118 C119,120 C151 C152,153 C154			CEO4LWIE470M C90-3244-05 CC45FSL1H101J CEO4LWIA471M CC45FSL1H101J	ELECTRO ELECTRO CERAMIC ELECTRO CERAMIC	47UF 10UF 100PF 470UF	25WV 35WV J 10WV J		000
C175,176 C177,178 C179,180 C201 C201		*	CEO4LW1V4R7M CEO4LW1H2R2M CEO4LW1V4R7M C90-1827-05 C90-3567-05	ELECTRO ELECTRO ELECTRO ELECTRO ELECTRO	4.7UF 2.2UF 4.7UF 0.047UF 0.047UF	35WV 50WV 35WV 5.5WV 5.5WV	(A/S)	Ξ
C202 C203 C204 C205,206 C207,208			C90-3222-05 C90-3253-05 CK45FF1H103Z CF92FV1H104J C91-0749-05	ELECTRO ELECTRO CERAMIC MF-C CERAMIC	100UF 1UF 0.010UF 0.10UF 220PF	10WV 50WV J K		
C209 C210-212 C213 C214 C215			CK45FB1H102K CC45FSL1H101J CC45FSL1H221J CK45FB1H102K CC45FSL1H221J	CERAMIC CERAMIC CERAMIC CERAMIC CERAMIC	1000F 100PF 220PF 1000PF 220PF	エンレスレ		
L:Scandinavia Y:PX(Far Ea	L:Scandinavia Y:PX(Far East, Hawaii)	1 2 5	K:USA P:Canada T:England E:Europe	S:Singapore Made W:Malaysia Made	0	8:KA-895 9:KA-995		

K:USA P:Canada
T:England E:Europe
X:Australia M:Other Areas

## ## ## ## ## ## ## ## ## ## ## ## ##	sti- Ke· iion marks 但編集		S/W)	Ξ	I	S/#)		= =		6	-	6			<del></del>	<u> </u>				
## Barts No.   ## Bar	Description 品名/規格	C 0.010UF	TACK(AP) TAPE/ADAPTOR IN	JACK(6P) TAPE/ADAPTOR IN	JACK (8P) VI/VZ/AUPI WUI	JACK(4P) TUNER/CD (	UNER/CD	HONO HONO	ATURE PHONE JACK(2P)S.CONT (S/W)	ONITOR		47K X7 47KX4 J 1/ 680 J 1/ 5 22 J 2W 3 39.0K F 1/			DETECTOR(INPUT SELECTOR DETECTOR(VOLUME CONTROL	30 30 30 30 30 30 30	36 36 36 36 36 36 36		IODE IODE TOR TUB IMP X2)	AMP X2 AMP X2 AMP X2
Maries H	Parts No.	45FF1H103Z C	,	-0139-05	-0070-15	-0046-15	3-0136-05	3-0068-15	1-0188-05	3-0138-05	78-0294-05 78-0290-05	05 05 81J 220J	0-2076-05	-1064-05	99-0547-05 99-0548-05	0 m 0 m 0	SS133 SS104 SS133 SS134 SS133	104 133 5.1N(B2) 1ES(B2) 104		1 I I I I I I I I I I I I I I I I I I I

# **SPECIFICATIONS**

## **KA-895** For the U.S.A. and Canada

Rated power output (FTC) STEREO MODE

100 watts per channel minimum RMS, both channels driven, at 8  $\Omega$  from 20 Hz to 20,000 Hz with no more than 0.09% total harmonic distortion.

### SURROUND MODE

#### Front

70 watts per channel minimum RMS, both channels driven, at 8 Ω 1 kHz with no more than 0.9% total harmonic distortion.

### Center

70 watts at 8 Ω 1 kHz with no more than 0.9% total harmonic distortion.

### Rear

20 watts per channel minimum RMS, both channels driven, at 8 Ω 1 kHz with no more than 0.9% total harmonic distortion.

### Total harmonic distortion

......0.03 % (1 kHz, 50 W, 8  $\Omega$ ) Frequency response LINE (CD, TAPE, VIDEO)..20 Hz ~ 60 kHz, +0 dB, -3 dB PHONO"RIAA"response ......20 Hz ~ 20 kHz, ±0.5 dB Maximum input level

PHONO (MM) ......120 mV, 0.5 % T.H.D. at 1 kHz Signal to noise ratio (IHF'66) PHONO (MM)......75 dB LINE (CD, TAPE, VIDEO) ......95 dB

Input sensitivity / impedance LINE (CD, TAPE, VIDEO)......200 mV /47 kΩ ADAPTOR IN ......200 mV /47 k $\Omega$ 

Tone control BASS .....±10 dB (at 100Hz) TREBLE .....±10 dB (at 10 kHz) Loudness control

(VOLUME at -30 dB level) .....+8 dB (100 Hz) Output level / impedance TAPE REC......200 mV / 1  $k\Omega$ 

## ADAPTOR OUT......200 mV / 1 kΩ General

Power consumption ......2.5 A .....250 W AC outlets SWITCHED ......2 (400 W max.)

.....H: 143 mm (5-5/8") ......D: 300 mm (11 13/16")

### For other countries

Maximum input level

Rated power output STEREO MODE (IHF'66) From 20 Hz ~ 20,000 Hz, 0.09 % T.H.D. at 8 Ω......100 W + 100 W (EIAJ) 1 kHz, 10 % T.H.D. at 8  $\Omega$  ............150 W + 150 W SURROUND MODE 1 kHz, 0.9 % T.H.D. at 8 Ω FRONT......70 W + 70 W CENTER......70 W REAR......20 W + 20 W Total harmonic distortion ......0.06 % (20 Hz  $\sim$  20,000 Hz, 50 W, 8  $\Omega$ )

Frequency response LINE (CD, TAPE, VIDEO)..20 Hz ~ 60 kHz, +0 dB, -3 dB PHONO"RIAA" response ......20 Hz  $\sim$  20 kHz,  $\pm$ 0.5 dB

PHONO (MM) ......120 mV, 0.5 % T.H.D. at 1 kHz Signal to noise ratio (IHF'66)

PHONO (MM)......75 dB LINE (CD, TAPE, VIDEO) ......95 dB Input sensitivity / impedance LINE (CD. TAPE, VIDEO)......200 mV /47 kΩ

ADAPTOR IN ......200 mV /47 k $\Omega$ Tone control BASS .....±10 dB (at 100Hz) TREBLE .....±10 dB (at 10 kHz)

Loudness control (VOLUME at -30 dB level) .....+8 dB (100 Hz) Output level / impedance

TAPE REC......200 mV / 1 kΩ ADAPTOR OUT......200 mV / 1 k $\Omega$ 

### General Power consumption .....

AC outlets SWITCHED ...... (300 W max.) Dimensions ......W: 440 mm H: 143 mm D: 300 mm Weight (Net) ......9.3 kg

KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

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# KA-895/995 KA-895/995

# **SPECIFICATIONS**

### **KA-895**

### For the U.S.A. and Canada

Rated power output (FTC) STEREO MODE

100 watts per channel minimum RMS, both channels driven, at 8 Ω from 20 Hz to 20,000 Hz with no more than 0.09% total harmonic distortion.

### SURROUND MODE

70 watts per channel minimum RMS, both channels driven. at 8  $\Omega$  1 kHz with no more than 0.9% total harmonic distortion.

#### Center

70 watts at 8  $\Omega$  1 kHz with no more than 0.9% total harmonic distortion.

#### Rear

20 watts per channel minimum RMS, both channels driven. at 8 Ω 1 kHz with no more than 0.9% total harmonic distortion.

#### Total harmonic distortion

, otal manner district	
0.06 % (20 Hz $\sim$ 20,000 Hz, 50 W, 8 $\Omega$	)
0.03 % (1 kHz, 50 W, 8 $\Omega$	)
Frequency response	
LINE (CD, TAPE, VIDEO)20 Hz ~ 60 kHz, +0 dB, -3 dE	3
PHONO"RIAA" response20 Hz ~ 20 kHz, ±0.5 dE	3
Maximum input level	

PHONO (MM)	120 mV, 0.5 % T.H.D. at 1 kHz	
Signal to noise ratio (IHF'66)	)	

Signal to noise ratio (IHF'66)	
PHONO (MM)	75 dB
LINE (CD, TAPE, VIDEO)	95 dB
Input sensitivity / impedance	
PHONO (MM)	3.5 mV / 47 k $\Omega$
LINE (CD, TAPE, VIDEO)	200 mV /47 kΩ
ADAPTOR IN	200 mV /47 kΩ

BASS	±10 dB (at 100Hz)
TREBLE	•
Loudness control	
(VOLUME at -30 dB level)	+8 dB (100 Hz)

TAPE REC	200 mV / 1 kΩ
ADAPTOR OUT	200 mV / 1 kΩ

Tone control

Output level / impedance

General	
Pdwer consumption	2.5 A
	250 W
AC outlets	
1 CWITCHED	2 (400 W may )

SWITCHED	2 (400 W max.)
Dimensions	W : 440 mm (17-5/16")
	H : 143 mm (5-5/8")

.....D : 300 mm (11 13/16") 

### For other countries

Rated power output STEREO MODE

(IHF'66) From 20 Hz ~ 20,000 Hz, 0.09 % T.H.D.

at 8 Ω ......100 W + 100 W (EIAJ) 1 kHz, 10 % T.H.D. at 8  $\Omega$  ...........150 W + 150 W SURROUND MODE

1 kHz. 0.9 % T.H.D. at 8 Ω

FRONT......70 W + 70 W CENTER..... REAR.....20 W + 20 W

Total harmonic distortion

......0.06 % (20 Hz  $\sim$  20,000 Hz, 50 W, 8  $\Omega$ ) 

Frequency response

LINE (CD, TAPE, VIDEO)..20 Hz ~ 60 kHz, +0 dB, -3 dB PHONO"RIAA" response ......20 Hz  $\sim$  20 kHz,  $\pm$ 0.5 dB Maximum input level

PHONO (MM) ......120 mV, 0.5 % T.H.D. at 1 kHz

Signal to noise ratio (IHF'66) PHONO (MM)......75 dB LINE (CD, TAPE, VIDEO) ......95 dB

Input sensitivity / impedance PHONO (MM) ......3.5 mV / 47 k $\Omega$ LINE (CD, TAPE, VIDEO)......200 mV /47 kΩ

Tone control

BASS .....±10 dB (at 100Hz) TREBLE .....±10 dB (at 10 kHz) Loudness control

(VOLUME at -30 dB level).....+8 dB (100 Hz) Output level / impedance

ADAPTOR OUT......200 mV / 1 k $\Omega$ 

General

Power consumption ......250 W AC outlets

SWITCHED ...... (300 W max.) Dimensions ......W: 440 mm H: 143 mm

D: 300 mm Weight (Net) ......9.3 kg

KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

# **SPECIFICATIONS**

### KA-995

For the U.S.A. and Canada

### AUDIO section

Rated power output (FTC) STEREO MODE

100 watts per channel minimum RMS, both channels driven, at 8  $\Omega$  from 20 Hz to 20,000 Hz with no more than 0.09% total harmonic distortion.

#### SURROUND MODE

#### Front

100 watts per channel minimum RMS, both channels driven, at 8 Ω 1 kHz with no more than 0.9% total harmonic distortion.

#### Rear

20 watts per channel minimum RMS, both channels driven, at 8 Ω 1 kHz with no more than 0.9% total harmonic distortion.

### Total harmonic distortion

.................0.06 % (20 Hz ~ 20,000 Hz. 50 W. 8 Ω) 

Frequency response

LINE (CD, TAPE, VIDEO)..20 Hz ~ 60 kHz, +0 dB, -3 dB PHONO"RIAA" response ......20 Hz ~ 20 kHz. ±0.5 dB Maximum input level

PHONO (MM) ......120 mV, 0.5 % T.H.D. at 1 kHz

Signal to noise ratio (IHF'66) PHONO (MM)......75 dB LINE (CD, TAPE, VIDEO) ......95 dB Input sensitivity / impedance

LINE (CD, TAPE, VIDEO).....200 mV /47 k $\Omega$ ADAPTOR IN......200 mV /47 kΩ

Tone control BASS .....±10 dB (at 100Hz) TREBLE .....±10 dB (at 10 kHz)

Loudness control

(VOLUME at -30 dB level) .....+8 dB (100 Hz) Output level / impedance TAPE REC......200 mV / 1 kΩ

### ADAPTOR OUT......200 mV / 1 kΩ VIDEO section

Input level / impedance VIDEO (composite) ......1V p-p / 75  $\Omega$ Input (VIDEO 1, VIDEO 2) Output level / impedance

VIDEO (composite) ......1V p-p / 75  $\Omega$ 

Output (VIDEO 1, MONITOR OUT) General

Power consumption	2.3 A
AC outlets	SWITCHED 2 (400 W max.)
Dimensions	W : 440 mm (17-5/16")
	H : 143 mm (5-5/8")
	D : 300 mm (11 13/16")
Weight (Net)	9.3 kg (20.5 lb)

# For other countries

### **AUDIO** section

Rated power output STEREO MODE

(IHF'66) From 20 Hz ~ 20,000 Hz, 0.09 % T.H.D.

at 8 Ω ......100 W + 100 W (EIAJ) 1 kHz, 10 % T.H.D. at 8  $\Omega$  ............150 W + 150 W

SURROUND MODE

1 kHz, 0.9 % T.H.D. at 8 Ω

FRONT......100 W + 100 W

REAR......20 W + 20 W Total harmonic distortion

......0.06 % (20 Hz  $\sim$  20,000 Hz, 50 W, 8  $\Omega$ )

......0.03 % (1 kHz, 50 W, 8 Ω)

Frequency response

LINE (CD, TAPE, VIDEO)..20 Hz  $\sim$  60 kHz, +0 dB, -3 dB PHONO"RIAA"response ......20 Hz  $\sim$  20 kHz,  $\pm$ 0.5 dB

Maximum input level

PHONO (MM) ......120 mV, 0.5 % T.H.D. at 1 kHz

Signal to noise ratio (IHF'66)

PHONO (MM).....75 dB LINE (CD, TAPE, VIDEO) ......95 dB

Input sensitivity / impedance

PHONO (MM) ......3.5 mV / 47 kΩ

LINE (CD, TAPE, VIDEO).....200 mV /47 k $\Omega$ 

ADAPTOR IN......200 mV /47 k $\Omega$ 

Tone control BASS.....±10 dB (at 100Hz)

TREBLE .....±10 dB (at 10 kHz)

Loudness control

(VOLUME at -30 dB level).....+8 dB (100 Hz)

Output level / impedance

TAPE REC......200 mV / 1 k $\Omega$ ADAPTOR OUT......200 mV / 1 kΩ

### VIDEO section

Input level / impedance

VIDEO (composite) ......1V p-p / 75  $\Omega$ Input (VIDEO 1, VIDEO 2)

Output level / impedance

Output (VIDEO 1, MONITOR OUT)

General

Power consumption ......210 W AC outlets ......SWITCHED 2 (300 W max.) Dimensions .....W: 440 mm H: 143 mm

Weight (Net) ......9.3 kg KENWOOD follows a policy of continuous advancements in development. For

D: 300 mm

Component and circuity are subject to modification to insure best operation under differing local conditions. This manual is based on the U.S.A. (K) standard, and provides information on regional circuit modification through use of alternate schematic diagrams, and information on regional component variations through use of parts list.

## KENWOOD CORPORATION

this reason specifications may be changed without notice.

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